

KAITLYN A. BAAB

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EDUCATION

Stanford University, Stanford, CA **9/11-PRESENT**

- Mayfield Fellow, Class of 2015, Stanford Technology Ventures Program.
- Pursuing a MS degree in Chemical Engineering, to be conferred 6/16. Emphasis in biotechnology.
- Pursuing a BS degree in Chemical Engineering, to be conferred 6/15.
- Relevant coursework includes fluid mechanics, mass and heat transport, thermodynamics, polymer science/applications, nanoscale fabrication engineering, biochemistry, and biochemical engineering.

Castilleja School, Palo Alto, CA **9/09-6/11**

AWARDS

Channing Robertson Award, ChemE Department, Stanford University, Stanford, CA **5/14**

- Distinguished Junior ChemE Student Award - selected by professors for outstanding academic achievement.
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RELEVANT COURSE PROJECTS

Business Plan Development & VC Pitch for a Science-based Venture, CHEMENG 296: **9/14-12/14**

Creating New Ventures in Engineering and Science-based Industries, Stanford University, Stanford, CA

- Created a viable business plan with a team of three for a novel MRI contrast agent venture.
 - Presented a comprehensive funding pitch to a Silicon Valley venture capitalist.
-

RESEARCH AND WORK EXPERIENCE

Research Assistant, Khosla Lab, ChemE Department, Stanford University, Stanford, CA **11/13-PRESENT**

- Collaborating with a graduate student to investigate key protein interactions to advance antibiotic erythromycin production.
- Researched kidelbergomycin, a new antibiotic discovered by Merck. Focused on the development and increased efficacy of kidelbergomycin for human treatment of super antibiotic resistant bacterial infections such as MRSA.

Bioprocess Development Intern, AbbVie Biotherapeutics, Redwood City, CA **6/14-9/14**

- Improved yield by 70% of a step in an anti-cancer drug purification process.
- Developed an optimized manufacturing purification process resulting in decreased costs and improved product quality.
- Presented final work to company's staff at a poster symposium.
- Co-author of PepTalk2015 joint AbbVie/3M poster on product development of a new antibody filter.

High Throughput Screening (HTS) Intern, Amyris Inc., Emeryville, CA **6/13-9/13**

- Designed and implemented an automated system to archive engineered yeast strains resulting in a 90% reduction of the elapsed process time, reduced labor costs, and increased production capacity.
 - Developed a new wavelength scan assay screening technique with the potential to improve the detection of high biofuel producing yeast strains.
 - Presented formal experimental results bi-weekly to the HTS group and final project to 50 research scientists.
 - Collaborated across company departments to accelerate project process and solicit input.
-

ACTIVITIES

Co-Founder & President, Engineers Without Borders (EWB), Stanford Chapter, Stanford, CA **6/14-PRESENT**

- Establishing EWB Stanford Chapter to design and implement sustainable engineering projects in developing communities around the world.

Stanford Varsity Sailing Team Member, Stanford University, Stanford, CA **9/11-5/13**

- Internationally ranked Laser Radial sailor.
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SKILLS &

COMPUTER/TECHNICAL: Proficient in PowerPoint, Word, Excel and MATLAB.

ADDITIONAL

LAB: Antibody and Protein Purification, Mass Spectrometry, and Nuclear Magnetic Resonance.

INFORMATION

INTERESTS: Healthcare Informatics, Biotechnology, Medical Devices & Diagnostics, Sailing.

March 2015

Jenna Berkenkamp

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EDUCATION

Stanford University

9/12 – 6/16

- B.S. Candidate in Symbolic Systems, Decision Making & Rationality track
- Cumulative GPA: 3.9/4.0
- Mayfield Fellow 2015, Stanford Technology Ventures Program
- Coursework: Computer Science, Management Theory, Philosophy, Microeconomics, Psychology, Chinese

WORK EXPERIENCE

Hukkster

New York, NY

A free online shopping tool that tracks products for users and notifies them when those products go on sale.

6/14 – 8/14

Analytics/Quality Assurance Intern

- Conducted a thorough analysis of web scraper performance issues and identified actionable items for the engineering team resulting in a 50% reduction in scraper failures
- Led daily QA of 300+ web scrapers (Hukkster's platform for tracking current product prices on supported retailer's websites) and QA'd scraper adjustments in development environments
- Planned and led a User Interface Testing event and synthesized feedback from 20+ attendees to identify trends and draw key insights to shape the product offering
- Coded unit tests in Python to automate quality assurance testing for the website

goods for good

New York, NY

A non-profit dedicated to economically empowering communities in Malawi to transform orphan care.

7/13 - 9/13

Business Development Intern

- Researched and advised a shift to Salesforce software to improve monitoring and evaluation methods
- Ghost wrote an article published in Forbes Magazine about tips for entrepreneurs
- Conducted research on potential donors and strategic partners to bolster business development

LEADERSHIP EXPERIENCE

Stanford Women in Business

Stanford University

Director of Business Development

6/14 – present

- Coordinate internal career development programming and educational events in entrepreneurship and technology related fields

Marketing Intern

9/13 – 6/14

- Managed social media, brand management, event publicity, and website development
- Created and administered the monthly newsletter highlighting upcoming events, business tips and more

Stanford Club Tennis

Stanford University

Financial Officer

9/13 – 6/14

- Managed over \$15,000 budget for travel, equipment and scholarships and provided reimbursements for team members

Centercourt Athletic Club of Morristown

Morristown, NJ

Tennis Instructor

6/12 - 8/12

- Coached children in the Junior Development Program as a USTA certified tennis instructor

Millburn-BGCN Tennis and Tutoring Initiative

Newark, NJ

Founder and Co-President

8/10 – 6/12

- Developed and instituted a program in which the Millburn High School varsity tennis teams tutor and teach tennis to inner-city youths at the Boys and Girls Club of Newark
- Coordinated transportation for over 30 students and directed fundraising initiatives to purchase equipment

ADDITIONAL INFORMATION

- **Interests:** Music, tennis, traveling, scuba diving (PADI certified Rescue Diver and Lion Fish Tracker)
- **Language Skills:** Limited working proficiency in Mandarin Chinese and Spanish
- **Computer Applications:** Java, C++, Microsoft Office (Word/Excel/PowerPoint)

LAINÉ BRUZEK

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EDUCATION

Stanford University

B.S. Engineering - Product Design

Minor in Creative Writing

3.7 GPA, Class of 2016

AWARDS

Mayfield Fellow

Stanford Technology Ventures Program

Class of 2015

2x National Champion

The Classics Show Choir 2011 & 2012

6x Teen Vogue Essay Contest Winner

2010-2014

Stanford Psychology Scholar Award

2013

Fermilab Science Award

2012

SKILLS

Technical

Sketch.app, Wireframing, Solidworks,
Quartz Composer, Photoshop,
Illustrator, InDesign, Keynote,
Final Cut Pro, Java, C++

Creative

UX Design, Filmmaking,
Screenwriting, Fiction Writing, Non-
Fiction Essays, Public Speaking,
Film & Digital Photography,
Singing/Songwriting

Physical

Experience with Mill, Lathe, Welding,
Sand Casting, Laser Cutting, 3D
Printing, & Circuitry

PROFESSIONAL EXPERIENCE

UX/UI Design Intern, Fluxx Labs

Summer 2014 - San Francisco, CA

Worked one on one with Creative Director to fully design and wireframe website concept for high profile client. Became proficient in Sketch 3 and Quartz Composer by creating prototypes and animations for the Fluxx Client iOS app.

Technical Consultant, Academic Computing Services

April 2013 - present, Stanford University

Solving network connection and other technical issues for Stanford students and faculty, as well as fostering creative expression as a Multimedia Certified consultant helping patrons use creative software, primarily iMovie and Adobe programs.

Marketing Intern & Campus Rep Manager, Gleepost

Jan. - March, 2014 - Stanford, CA

Designed, planned, and executed comprehensive launch strategy of the Gleepost app on campus at Stanford University. Exceeded goal of 25% undergraduate adoption. Managed 20 other Stanford campus reps, coordinating schedules, assigning roles based on perceived skills, and inspiring work ethic.

Teaching Assistant, Stanford Arts Intensive

Sept. 2014, Stanford, CA

Worked with Senior Lecturer Adam Tobin on a screenwriting Arts Intensive, helping students learn the art & develop short screenplays. Acted as both a Teaching & Resident Assistant for the program.

LEADERSHIP EXPERIENCE

Marketing Director

Sept. 2014 - present, Stanford Women in Design

Directing advertising, social media, and community outreach for the first ever Stanford Women in Design group, aimed to help women address and overcome issues in tech and design related fields.

Chief Recruitment Officer, Kappa Alpha Theta

Jan. 2015-present, Stanford University

Designing compelling and welcoming experiences for prospective new members, managing scheduling and instruction of 100+ current members, and developing creative projects like skits and films for display. Setting chapter goals, organizing community service events, and acting as a leader & role model as a member of the executive board.

Financial Officer & Performance Manager

2013-2014, Mixed Company A Cappella

As Financial Officer, budgeted and managed close to \$40,000, coordinating funds for large endeavors like album production and spring tour.

As Performance Manager, redesigned the group look, created and taught innovative choreography, and wrote comedy sketches for our biannual shows.

EDUCATION

- Stanford University, Bachelor's degree candidate, International Relations 2016
- Mayfield Fellowship, Stanford Technology Ventures Program 2015

HONORS and AWARDS

- Honored by the White House as a Youth Champion for Change in 2011
- Invited spokesperson and panelist at JetBlue's Annual Conference on Charitable Giving 2011
- Winner, Hewlett-Packard "Green Your School" competition 2011 (participation of 2500 schools)

WORK EXPERIENCE**Stanford GSB****Research Assistant**

- Co-authoring Start-Up Chile paper with founder Nicolas Shea
- Responsible for metrics/impact and replication chapters

Palo Alto, California
2014-Present**Start-Up Chile****Business Intern**

- Performed diagnostic on Start-up Chile alumni relations, presented findings in Spanish to Executive Team
- Created and launched Alumni pilot program to facilitate growth of 1,000 portfolio companies through streamlined communication, mentorship opportunities, and development of regionalized infrastructure

Santiago, Chile
Fall 2014**The Alchemist Accelerator****Head of Business Development**

- Created, implemented, and led new business development program
- Hired and managed a team of 6 fellows responsible for selecting and building partnerships for services essential to portfolio company growth
- Initiated four partnerships that procured \$100,000 of sponsorship fees and secured substantial savings for portfolio companies

Menlo Park, California
2014-present**Business Development Fellow**

- Sourced, conducted diligence, and negotiated utility computing and professional employer organization agreements on behalf of start-ups affiliated with Accelerator

2013-2014

XSeed Capital**Intern**

- Provided background research to Investment Committee for all pipeline opportunities
- Participated in screening early stage investment candidates
- Developed a competitive landscape model for emerging DevOps industry
- Completed a comprehensive technology market M&A data analysis

Portola Valley, California
Summer 2014**Stanford Office of Technology and Licensing****Team Leader**

- Evaluated and prepared strategies for commercialization of early-stage technologies as part of Stanford's IFARM Innovation program

Palo Alto, California
2012-2013**Credit Suisse****Intern**

- Supported private wealth banking analytics team

New York, New York
Summer 2013**Latium Capital****Intern**

- Supported proprietary commodities trading group

New York, New York
Summer 2011**Geraldine Dodge Foundation****Intern**

- Reviewed grant applications; researched and assessed grant initiatives

Morristown, New Jersey
2010-2011**SOCIAL ACTION EXPERIENCE****Ashoka**

- Selected for university leadership consortium focusing on specialized talent recruitment

Stanford, California
2012-2014**DoSomething.org**

- Appointed as one of twenty students nationwide to Advisory Council
- Invited to participate in NYU Social Action Boot Camp as representative

New York, New York
2009-2013**Heifer International**

- Raised \$36,000 for western Honduras community
- Selected for work-study tour as the translator for American benefactors

Millburn, New Jersey
2006-2013**ACTIVITIES and SKILLS**

Classical pianist♦♦PADI Certified open water diver♦♦Tennis instructor♦♦Advanced proficiency in Spanish

EDUCATION

- STANFORD UNIVERSITY**, Stanford, CA 2012 – 2016
B.S. Candidate in Science, Technology, and Society; Cumulative GPA: 3.9 / 4.0
2015 Mayfield Fellow, Stanford Technology Ventures Program
- LONDON SCHOOL OF ECONOMICS & NEW YORK UNIVERSITY FLORENCE** Summer 2013 & Fall 2014
- SINGULARITY UNIVERSITY, Graduate Studies Program**, NASA Ames, CA Summer 2010
- UNIVERSITY PREP**, Seattle, WA 2008-2012

PROFESSIONAL EXPERIENCE

- WATSON ECOSYSTEM INTERN, IBM** Summer 2014
• Designed a talent certification model and a \$100k prize for university students, both presented to Watson CMO
• Analyzed business models and growth patterns of 490 tech companies, selected ten strong candidates, and presented profitable partnership opportunities to Watson CMO
• Presented at the national “Watson’s Got Talent” conference and selected as one of four finalists of over 60 teams
- YOUTH CHAMPION, United Nations Foundation (Girl Up)** Jul 2011- Present
• Mobilized over 1,500 girls and raised \$26,000 for our programs in Ethiopia, Malawi, Guatemala, & Liberia
• Selected as one of five Youth Champions to lead the campaign with over 450,000 supporters
- RESEARCH ASSISTANT, Institute for Learning and Brain Sciences** Summer 2012
• Assisted with various studies regarding the relationship between child brain development and language acquisition
• Prepared video data for analysis and assisted with studies using MEG and MRI machines
• Selected to present to directors on how touch screen technology can improve video-based language learning
- OFFICIAL CONTRIBUTOR, Huffington Post** Jun 2011
• Published four articles to the online newspaper and helped launch Huffington Post High School

LEADERSHIP EXPERIENCE

- BOARD OF DIRECTORS, Stanford Women in Business** Oct 2012- Present
• Manage corporate relations with over 100 companies throughout the Bay Area
• Annually host ~20 educational & recruiting events for over 1,000 members of the Stanford community
• Design and coordinate a 10-week internship program for 40 outstanding Stanford women interested in technology
- BOARD OF DIRECTORS, Stanford Venture Capital Club** Apr 2014- Present
• Selected as one of twelve Stanford students to consult for Silicon Valley venture capital firms including General Catalyst Partners, Redpoint, Ventures, Accel Partners, and Draper Fisher Jurvetson
• Assist with due diligence, sourcing, market research, and product feedback
- EXECUTIVE TEAM, The Kairos Society at Stanford** Sept 2012- Present
• Recruited and selected 14 Global Fellows for the world’s premier collegiate entrepreneurship society
• Organize monthly educational and mentorship programming across Bay Area Kairos chapters
- CO-FOUNDER & PRESIDENT, iCAREweCARE** 2010 - 2013
• Connected over 5,000 students to local service opportunities based on individual interests
• Grew the organization from eight people in Seattle to 15 chapters internationally
• Featured in Forbes, Fast Company, and on ABC
- FOUNDER & PRESIDENT, Seattle Circle of Women** Apr 2009-Jul 2010
• Designed and launched first high school branch of the Harvard-student-run organization
• Mobilized 200 students and raised \$25,000 to sustainably build our first school in Afghanistan

ADDITIONAL INFORMATION

AWARDS: Top Achieving Scholar, Stanford Undergraduate STEM Fellows (2014), **Outstanding Youth Philanthropist**, National Association of Fundraising Professionals (2012), **Top 100 Woman Entrepreneur**, Smart Girls’ Way (2011)

PUBLIC SPEAKER, TEDxSF, Classy Awards, TEDxHarker, Idea City, Global Women’s Forum, TIECon, Operation Smile

JOTTHE KANNAPPAN

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EDUCATION

(9/08 – Present) **STANFORD UNIVERSITY** Stanford, CA
Bachelor of Science: Bioengineering (Expected 6/16), GPA: 3.753
Coursework includes: Mathematics, Biology, Chemistry, Computer Science
Graduated from Stockdale High School, 2012: GPA 4.5, Class Rank #1

Skills: Trilingual (Fluent in English, Tamil, and Spanish), Computer Programming (Java, C++, Matlab, HTML, Javascript, CSS, python), Public Speaking

EXPERIENCE

- (4/13 – Present) **MICROFLUIDICS LABORATORY** Stanford, CA
Research Assistant
- Collaborated with the Biology and Neuroscience departments of Stanford University to design and execute experimentation with regard to texture sensing in *Caenorhabditis elegans*
 - Design and execute experimentation on antibiotic synthesis with microfluidic devices and experimentation with regard to physical properties of the air-water interface and their impact on microfluidic device manufacturing
 - Mastered fabrication of microfluidic devices, use of 3D printers, neural targeting, handling and care of various microorganisms, MATLAB, and Excel
- (6/14 – 11/14) **NASA AMES RESEARCH CENTER: INTERNATIONAL GENETICALLY ENGINEERING MACHINE** Mountain View, CA
Research Assistant/ Project creator and manager
- Contributed to work that developed the molecular basis science necessary for creating the next generation biological UAV
 - Mastered basic synthetic biology techniques and developed new techniques for working with large eukaryotes in synthetic biology labs
- (6/14 – Present) **STANFORD RESIDENTIAL EDUCATION** Stanford, CA
Residential Computer Consultant
- Worked as a community leader, student advisor, and technical assistant in a freshman dormitory
 - Manage approximately \$27,000 for a 90 student dormitory
- (6/12 – 8/12) **COUNSYL: VITAL INFORMATION ABOUT YOUR BODY** Redwood City, CA
Internship
- Worked in inventory and production sector in early phase start-up company and redesigned packaging of testing kits to massively reduce production costs
- (8/11 – 5/12) **LORI BROCK CHILDREN'S CENTER** Bakersfield, CA
Volunteer
- Collaborated with Jim Burke Ford to renovate a public park to make it more friendly to special needs children

ACTIVITIES

- (4/14 – Present) **STUDENT ACTIVITIES AND LEADERSHIP** Stanford, CA
Junior Class President
- Chair of student diversity programming
 - Put on multiple all-campus events, including community service, professional development, and mental health and awareness events
- (9/13 – Present) **STANFORD BASMATI RAAS** Stanford, CA
Group Leader/ Dancer
- Help organize logistics for 3 national competitions
 - Aided captains in financial responsibility for a student dancer budget of over \$12,000

PUBLICATIONS

- Formal research proposal to conduct research about "MATRIX METALLOPROTEINASE-2 AND TISSUE INHIBITOR OF MATRIX METALLOPROTEINASE-2 IN THE CONTEXT OF DUCTAL CARCINOMA IN SITU" to discover its effects on the extra-cellular matrix and the metastasis of cancerous cells. Worked in concert with University of Pennsylvania (2011)
- Frequently referenced MediaWiki about the MOLECULAR FOUNDATION FOR BIOLOGICAL UAVs, a journal of scientific work from International Genetically Engineered Machine competition (2014)

MITCHELL KOGAN

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EDUCATION

- Stanford University, Stanford, CA** 09/2012 – present
Bachelor of Science in Management Science & Engineering
GPA: 3.6/4.0
- Mayfield Fellow 2015, Stanford Technology Ventures Program**
- Mt. Carmel High School, San Diego, CA** 06/2012
Graduated as Valedictorian of Class of 521 Students; GPA: 4.5/4.0
SAT: 2270; 780 Writing, 750 Math, 740 Reading

WORK EXPERIENCE

- Stanford Student Enterprises, Stanford, CA** 02/2015 – present
Chief Operating Officer
- Oversee daily and organizational operations of advertising, online retail, and investment divisions. Organization employs over 70 students with assets exceeding \$15 million.
 - Work directly with CEO and other executive staff members to develop and implement systematic improvements in marketing campaigns, operational organizational structure, and recruitment efforts
 - Mentor younger student employees and interns, encouraging use of best business practices to develop professional skills

- General Manager of Advertising* 10/2013 – 06/2014
- Prior to COO, headed largest revenue-generating division in SSE with annual revenue of over \$400,000; managed the creation and distribution of The Stanford Unofficial Guide, Stanford Calendar, Stanford Directory, and Stanford Flyering to over 14,000 students
 - Selected as first-ever sophomore to be GM and led and delegated responsibilities to a group of five team members while serving a client base of over 200

- Goldman Sachs, Private Wealth Management, San Francisco, CA** 06/2014 – 08/2014
Summer Analyst
- Worked with one of the fastest-growing teams in Private Wealth Management in the Investment Management Division, Rep 0651, led by Frank Ghali, Managing Director
 - Assisted an 8-person Investment Committee in market research and analyzing portfolio reviews for high net-worth clients
 - Collaborated with a 3-person team of Wealth Management Professionals to enhance client services by creating reports with information for clients regarding private banking services

- Ted Buchan & Company, San Diego, CA** 06/2013 – 08/2013
Financial Advisory Intern
- Performed daily market analytics and worked with CEO to learn investment theories and strategies in relation to college planning
 - Consulted over 50 high school students to guide them through both the college admissions process and financial aid applications

LEADERSHIP

- From Heart to Heart, Odessa, Ukraine** 06/2009 – 08/2014
Student Manager
- Used knowledge of Russian language and culture to assist in the development of an annual summer program in Ukraine for underprivileged children
 - Spearheaded fundraising opportunities to help lead a team of 20 camp counselors to collectively demonstrate role-model attitude for hundreds of kids ranging in ages from 6-17

- Stanford Finance, Stanford, CA** 10/2014 – present
Analyst
- 1 of 28 analysts selected from a pool of 200+ students
 - Attended pre-professional finance workshops and networking events

- Study Buddies, San Diego, CA** 08/2011 – 06/2012
Founder and President
- Managed a weekly after-school tutoring program for 75-100 children at Sunset Hills Elementary School for underprivileged students
 - Led group of 30 weekly tutors and delegated positions and roles within system particularly focused on teaching math and English skills

ADDITIONAL INFORMATION

Basketball Coach and Director of Outreach at Stanford Coaching Corps, Member of Stanford Club Basketball, Stanford Delta Tau Delta
Languages: Fluent in Russian; **Interests:** Basketball, Film (especially Martin Scorsese and Christopher Nolan Movies), Stand-Up Comedy

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Revanth Kosaraju

Phone: 408-621-1961
Email: revanthk@stanford.edu

EDUCATION

- Stanford University, Stanford, CA 2012 - Present
 - Studying Biological Sciences (Major) and Computer Science (Minor)
- Harker High School, San Jose, CA 2008-12

WORK & RESEARCH EXPERIENCE

- **Abbott Diabetes Care**, R&D Intern/Operations Support Jun-Sep 2012, Jun-Aug 2013
 - Worked in R&D department on increasing accuracy of continuous glucose measurements (2013)
 - Focused on developing the OctoStat, a method of testing continuous glucose sensors (2012)
- **Gurtner Lab**, Stanford University School of Medicine Sep 12 – Present
 - 3 published journal articles (co-author), 1 first author journal manuscript in internal review
 - Independent research on the application of bioengineered hydrogels and stem cells to improving the natural wound healing response in a mouse model
- **Unite For Sight** and Stanford University (mentored by Dr. Catherine Heaney) Jan 13–Oct 13
 - Independent research on elucidating the factors influencing low child participation in Pranav Foundation community eye outreaches in Chennai, India
- **Stanford Institute of Medicine Summer Research Program (SIMR)** May 11 – Aug 11
 - Worked as a SIMR student in Gurtner Lab doing research on Hif-1 α , a skin transcription factor
- **Gurtner Lab**, Stanford University School of Medicine Jun 10 – Aug 10
 - Research on decellularizing adipose tissue to create scaffolds for transplantation

LEADERSHIP EXPERIENCE

- **Founder**, QI Services for Arbor Free Clinic Ophthalmology Division 2012-Present
 - Founded undergrad team that is conducting a pilot study to reduce no-shows, creates patient education materials, and conducts research, for quality improvement
- **Co-President**, Stanford Student Biodesign (SSB) 2014-Present
 - Chairing SSB's initiatives including annual conference, medical device course, and journal
 - Leading first initiative in organization's history to have general members, with ~150 students
- **Business Development Head**, Quicktern 2012-14
 - Led pilot program to test company model with Stanford student organizations (VSOs)
 - Led recruitment of interested students, partnering students with VSOs
- **Program Coordinator and Leader Advisor**, Alternative Spring Break (ASB) 2014-15
 - Providing mentorship for 17 ASB trip leader pairs and coordinating logistics for trips
 - Leading initiatives to publicize program and encourage future service post-Spring Break
 - Led "Confronting HIV/AIDS in San Francisco" ASB trip the previous year
- **Founder**, Apps4Health 2014-Present
 - Founded initiative to produce iOS apps for health improvement, currently recruiting team
 - Designed and coded iOS app "WorkoutManager," currently in Apple review
- **Stanford Freshman Council**, Winter Event Lead 2012-13
 - Led planning and implementation of one of the three main Frosh Council events
- **Harker High School's Student Body President** (2011-2012), Class President (2008-2011)

AWARDS AND SKILLS

- President's Award for Academic Excellence in the Freshman Year (Sept 2013), given to top 3% of Stanford freshman class and requiring nomination by a faculty member
- UAR Major Grant Award Recipient for Summer 2014 Research Project
- Intel STS Semifinalist (Jan 2012), Siemens Semifinalist (Oct 2011)
- Intel International Science and Eng. Fair (ISEF) Finalist & Award Winner (2012, 2011, 2010)
- Proficiency in programming and data analysis in C++, Java, *Mathematica*, Excel

AUSTIN RAY

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EDUCATION

Stanford University

9/11 - Present

BS Candidate in Chemical Engineering

GPA: 3.98

Coursework: Object-Oriented Programming, Data Structure Design, Automata Theory, Language Theory, Scientific Computing, Computational Engineering, Engineering Entrepreneurship, Chemical Engineering, Biochemistry, Bioengineering, Design Sketching and Modeling

Programming Experience: C++, Python, Javascript/jQuery/Ajax, HTML/CSS, Mathematica, MATLAB, Arduino

Awards and Honors

(2012) President's Award for Academic Excellence in the Freshman Year

(2014) Tau Beta Pi Engineering Honors Society

(2015) Frederick E. Terman Award for Scholastic Achievement in Engineering

(2015) Mayfield Fellows Program – One of 12 fellows selected into 9-month work/study program designed to develop a theoretical and practical understanding for growing technology companies

Branson High School

8/07 - 6/11

Received Barney Glaser Fellowship Award for Excellence in Math in 2010. Used the financial award to enroll in CS 61A at Berkeley the following summer.

WORK EXPERIENCE

Spiral Fuel | Process Engineer | Foster City, CA

Summer 2014

Designed and built a fuel production unit and a chemical heating system for the Spiral reactor system. Standardized company operating procedures, piping/wiring, and reactor control systems.

Dinoclip | Founder | Stanford, CA

2/14 - Present

Developed relationship with foreign bike gadget wholesaler. Imported clips that attach phones to handlebars.

Selling at Campus Bike Shop as cheap bike light solution for students (phone flashlight app + Dinoclip = bike light).

Selling at bike shops near Stanford as cheap GPS solution for road bikers.

Stanford-Brown iGEM Team | Research Intern | NASA ARC, Mountain View, CA

4/13 - 11/13

Completed four synthetic biology projects (<http://bit.ly/1GIP06W>).

Wrote an economic analysis on the outsourcing of DNA synthesis for lab research (<http://bit.ly/1BTnwEu>).

Earned gold medal at regional jamboree in Toronto and advanced to compete in the world championships at MIT.

Quicktern | Co-Founder | Stanford, CA

Summer 2012

Created web-based marketplace that connected Stanford students with startups for mini-internships.

Bryant Lab | Research Intern | Stanford University, Stanford, CA

Summer 2012

Genetically engineered two mutant proteins to elucidate key steps in DNA gyrase's function.

Computer Science Club | Founder | Branson High School, Ross, CA

10/08 - 6/11

Taught AP Computer Science to other students.

Brought in a developer from Adobe to teach electronics and C++ and served as a TA.

Boys' Leadership Program | Co-Founder | Branson High School, Ross, CA

10/09 - 6/11

Led leadership workshops with underclassmen and organized a retreat for upperclassmen.

OBJECTIVES

Short-term

Accelerate life science research by leveraging simulation, mechanical automation, and automated reasoning.

Enable widespread, agile innovation in the life science space (akin to the digital revolution).

Long-term

Drastically increase human health and longevity.

Develop technologies that significantly enhance human cognition.

Jason C. Risch

Cell: 415-272-8590 • jrisch@stanford.edu

EDUCATION

Stanford University, Stanford, CA

expected 6/2016

- M.S. Candidate in Statistics, Coterminal Degree, 4.00/4.00 Graduate GPA
- B.S. Candidate in Mathematical and Computational Science, 4.09/4.00 UG GPA
- Minor in Classical Studies
- Courses in R, Data Mining, C++, JAVA, Matlab, and Excel
- President of Delta Kappa Epsilon Fraternity, Member of Stanford Club Baseball Team

High School: The Branson School, Ross CA

6/2012

- Cum Laude Society, Senior Class President, Mock Trial Team Captain, Varsity Baseball

EXPERIENCE

Mayfield Fellows Program, Stanford Technology Ventures Program

2015

- Selected as one of twelve Fellows from Stanford University for intensive nine-month training program on developing a theoretical understanding, practical knowledge, and leadership skills related to growing startup technology companies

Analytics Consulting Intern, Wells Fargo Strategic Planning and Finance

Summer 2014

- Utilized SQL queries and Excel functions to create statistical models and graphics from large data sets drawn from Wells Fargo's database
- Created "white paper" documents for management that communicated findings on banker hiring practices, the correlation of weather related store closures with sales, banker tenure curves, and the impact of upgraded ATMs on sales

Researcher at SURIM

Summer 2013

(Stanford Undergraduate Research Institute in Mathematics)

- Received stipend to work on a team investigating the properties of Markov chains and stochastic processes as well as their uses in financial mathematics and computer science
- Applied theorems and results to model efficient maxima-finding algorithms over large state spaces in C++

AWARDS

Boothe Prize for Excellence in Writing

6/2013

- The Boothe Prize recognizes and rewards outstanding expository and argumentative writing by first-year students. It is awarded each quarter to the student with the top final essay in Stanford's Thinking Matters, a course required of all 1700 Stanford freshmen.

President's Award for Academic Excellence in the Freshman Year

9/2013

- The President's Award honors students in the top 3% of the class who have exceptionally distinguished academic records that exemplify a strong program of study in the freshman year.

Albert J. Hettinger Scholarship

9/2014

- The Hettinger Scholarship awards a significant percentage of Stanford tuition for achievement in Scholarship, Athletics, and Service to the DKE Sigma Rho chapter.

Education

- Stanford University** September 2012 - Present Stanford, CA
Pursuing BS degree in Product Design, to be conferred June 2016 • Coursework includes Visual Thinking, Multivariable Calculus and Linear Algebra, Microeconomics, Manufacturing and Design • Mayfield Fellow 2015, Stanford Technology Ventures Program • GPA: 3.93/4.00
- Stanford Bing Overseas Study Program** September 2014 - December 2014 Paris, Fr
- Crystal Springs Uplands School** September 2008 - June 2012 Hillsborough, CA
Coursework in English, Statistics, Calculus, Art History, French • Awards: AP Scholar, National Merit Commended Scholar, Wendy's High School Heisman Award, Varsity Soccer Golden Boot • GPA: 4.16/4.00

Work Experience

- Stanford Graduate School of Business, Research Assistant** March 2015 - Present Stanford, CA
Conduct behavioral studies under guidance of Professor Baba Shiv • Define and run experiments examining decision-making processes and physiological responses
- Céline, Wholesale Intern** June 2013 - August 2013 New York, NY
Built and analyzed weekly and monthly sales reports for ready-to-wear, shoes, and handbags • Assisted sales team with order entry for over 50 retailers, including Neiman Marcus, Nordstrom, Barneys • Collected and presented store-based competitive analysis
- Modewalk, Marketing & Event Planning Intern** February 2012 - September 2012 Burlingame, CA
Developed social media presence with platforms, including Facebook, Pinterest, Tumblr, Twitter, and Polyvore • Organized and hosted a trunk show and grossed \$15,000 worth of clothing and merchandise

Extracurricular Experience

Stanford Women in Business

- Co-Vice President of Business Development** September 2014 – Present Stanford, CA
Lead efforts in planning educational events in the areas of consulting, technology, and other business fields • Organize panel conversations with business leaders and recruitment events for audience of 500 undergraduates • Recruit speakers and manage event publicity

- Business Development Intern** September 2013 – June 2014 Stanford, CA

- Pi Beta Phi, Vice President of Philanthropy** September 2013 – June 2014 Stanford, CA
Identified and promoted opportunities for philanthropic service • Administered all aspects of community service, philanthropic events, and literacy initiatives • Initiated and led efforts to raise over \$3000 for Pi Beta Phi Foundation • Oversaw and managed members of Philanthropy Committee

Rent the Runway

- Co-Manager** June 2013 – June 2014 Stanford, CA
Developed and executed a comprehensive strategic marketing plan • Promoted Rent the Runway's products and brand to maximize customer experience and sales • Implemented and oversaw initiatives outlined by RTR corporate

- "It Girl"** March 2013 - June 2013 Stanford, CA
Selected to host an on-campus boutique of Rent the Runway dresses and accessories • Given hands-on experience of launching a business • Organized and hosted multiple trunk shows to promote Rent the Runway's products • Recruited 20 subscribers and achieved 95% resubscription rate • Grossed over \$3000 between April and May sales

Additional Information

Other Activities: Member of Stanford Women's Club Soccer Team, Thinking Matters Advisory Board, Ellevest

Technical Skills: Proficient in HTML, CSS, PHP, Solidworks, Adobe Creative Suite

Languages: Proficient in French

Interests: Jigsaw puzzles, design, tennis, photography, fashion

{EDUCATION}February 2011 - June 2011 Semester at University of New South Wales, Architecture, B.S.
September 2011 (Ongoing) Stanford University, Architecture, B.S.**{EMPLOYMENT}**January 2015 - March 2015 Teaching Assistant for CEE32H {Stanford University}
beverlychoe@gmail.com Course on transparent structures.June 2014 - September 2014 Intern at Roger Ferris + Partners {Westport, Connecticut}
ferris@ferrisarch.com, marx@ferrisarch.com Produced digital renderings for several high-profile commercial projects.
Created construction and survey drawings on several demanding residential projects.September 2013 (Ongoing) Freelance Graphic Designer
ThreeTrees, Stanford Consulting, Siberian Front, Stanford University, Orient Sense.September 2013 - June 2014 Freshmen Resident Assistant {Stanford University}
costanzo@stanford.edu Planned, and Implemented various events for ninety-nine freshmen.
Advised freshmen on their physical and mental wellbeing.June 2013 - September 2013 Intern at Davidclovers {Hong Kong}
clover@davidclovers.com, david@davidclovers.com Finalized as-built drawings for several high-profile commercial projects.June 2012 - July 2012 Mark Talbott Squash Academy {Stanford University}
mtalbott@stanford.edu Coached, and mentored students at the Talbott Squash Academy.**{VOLUNTEERING}**

September 2014 - June 2015 Captain of Stanford Men's Squash Team

September 2011 - September 2014 InnSolidarity Co-Founder {InnVision, Palo Alto, California}
Aimed to broaden high school students' perspective of community service.

September 2012 (Ongoing) Architecture Student Mentor {Stanford University}

September 2011 - June 2013 Stanford University Student Government
Sophomore Cabinet Member.
Freshman Council Representative.

February 2011 - July 2011 Student Representative of UNSW School of Architecture {Australia}

September 2008 - February 2011 Night Patrol, Community Service Program {Australia}
Engaged homeless and at-risk individuals with the mission of building community.**{AWARDS + HONORS}**

2015 (Ongoing) Mayfield Fellow, Stanford Technology Ventures Program

February 2015 Solo Photography Exhibition {Stanford University}

2013 - 2014, 2014 - 2015 2 x College Squash Association Scholar Athlete Award

2014 - 2015 Photographs Featured
West Magazine, Winter 2015.
JA95 Magazine, Autumn 2014.

October 2014 Undergraduate Advising and Research Grantee {Stanford University}

December 2009 Australian Defence Force Long Tan Leadership and Teamwork Award

{SOFTWARE + SKILLS}{Design-Thinking}{Adobe Creative Suite}{Most Architectural Software}
{Photography}{Model-Making}{Sketching}{Conversational Mandarin}