

EDUCATION

Stanford University

Stanford, CA

- *B.S. in Computer Science (Systems); GPA: 3.968*

Sept. 2014 - June 2018

*Expected M.S. in Statistics (Causal Inference); GPA: 3.850**Expected Graduation: March 2020*WORK EXPERIENCE

Baiocchi Lab

Stanford, CA

- *Research Assistant*

March 2019 - Present

- Developing method with Mike Baiocchi to estimate causal effects of behavioral interventions using free text (R).

Camp Kesem at Stanford

Stanford, CA

- *Counselor Coordinator (CoCo)*

July 2017 - July 2018

Student Director (Co-Chair)

July 2018 - July 2019

- CoCo: Supported 64 volunteers through community bonding, counselor selection, and training. Built software package to streamline new, anonymized counselor hiring (see <https://github.com/jlkraivtz/kesem-selection>).
- Co-Chair: Managed leadership team of nine, with focus on marketing, family relations, and camp programming.

Stanford University

Stanford, CA

- *Teaching Assistant, CS103*

Sept. 2018 - June 2019

- Selected among 14 course staff as Head TA for CS103, Mathematical Foundations of Computing. Planned and executed course logistics and served as the liaison between the course lecturer and the 13 course staff.

Sinha Lab

Stanford, CA

- *Research Assistant*

March 2018 - June 2018

- Analyzed thematic content of IBD patient forum (LDA model) to better understand patient anxieties (Python, R).

Hammer Lab

New York City, NY

- *Research Assistant*

July - Sept. 2017

- Investigated why tumors with low PD-L1 levels responded to anti-PDL1 immunotherapies in RCT data (R).

Asana

San Francisco, CA

- *Software Engineer, Stability Intern*

June - Sept. 2016

- Developed new distributed configuration framework more resistant to failure and user-friendly (Scala).

Stanford University

Stanford, CA

- *CS198 Section Leader*

Sept. - Mar. 2016

- Led weekly section of 10 - 12 students, graded assignments and exams, and held weekly tutoring hours.

Stanford Computer Vision Lab

Stanford, CA

- *Research Assistant*

June - Aug. 2015

- Ran baseline attribute and relationship classification experiments on Visual Genome dataset (Python, Caffe).

CodeHS

San Francisco, CA

- *Software Engineer, Intern*

June - Aug., 2013 and 2014

- Built general autograder and CMS for editing content (AngularJS); set up testing infrastructure (Python).

ADDITIONAL EXPERIENCE

- **Data Challenge Lab:** A 5-unit, daily, intensive course on data wrangling, visualization and interpretation. I took this course in Winter 2019, and I now have extensive experience in R, the tidyverse, and RStudio.
- **Relevant Coursework:** Data Challenge Lab, Causal Inference (2 courses), Regression and ANOVA, Analysis, Machine Learning, Convex Optimization, Probabilistic Graphical Models, Computer Security, Operating Systems
- **Programming Languages (Experienced and Proficient):** Python, R, JavaScript, SQL, C, C++, Scala, Haskell

INTERESTS

- **Volunteer:** Camp Kesem at Stanford (Counselor/Leader; Mar. 2016 - Present)
- **Theater:** Flying Treehouse (Musician/Performer; 2016 - 2018), Stanford Improvisors (Musical Improvisor; 2017 - 2018)
- **Music:** Jazz Pianist, Jazz Combo (Sept. 2014 - Mar. 2017)