

EDUCATION

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**Stanford University**

Stanford, CA

- *B.S. in Computer Science (Systems); GPA: 3.97*
- M.S. in Statistics (Experimental Design); GPA: 3.92*

*Sept. 2014 - Jun. 2018*  
*Jan. 2018 - Mar. 2020*

WORK EXPERIENCE

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• **DigiDems, Sri for Congress (TX-22)**

Houston, TX

*Data Director**June 2020 - November 2020*

- Supported field team's data program: pulled voter and volunteer contact lists in 20+ languages (SQL) and managed technical platforms (Reach, OutVote, ThruTalk).
- Built Early Vote dashboard (SQL, Google Data Studio), which allowed campaign to effectively track vote share and support among target demographic groups in TX-22 during the 3 weeks of early voting in Texas.
- Supervised 5+ technical volunteers working on special projects and data analyses for our field program.
- Developed Call Time list-tracking tool, allowing Finance Dept to track the success of their donor prospect lists.
- Secured over 20 campaign staff on password managers and security keys.

• **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

*Student Director**July 2018 - July 2019*

- Managed leadership team of nine and cultivated a volunteer body of over 60 students.
- Oversaw planning and execution of our largest annual fundraiser, Make the Magic, which raised over \$28,000 in a single night – exceeding our goal of \$25,000.
- Prioritized diversifying our camper population: through online advertisements and in-person conversations, we ended up with the most racially diverse set of families we've had since Camp Kesem's founding in 2001.
- Anonymized the counselor selection process to promote inclusion and reduce bias.
- Personally secured over \$1000 in in-kind donations, including water bottles, camp decorations, and two-way radios for leadership communication during the week of camp.

• **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, in the Fall.
- Held 4 office hours each week, handled exceptional student issues, and served as liaison between lecturer and staff.

• **Asana**

San Francisco, CA

*Software Engineer, Stability Intern**June - Sept. 2016*

- Migrated search cluster into Googles Kubernetes framework, making the cluster stabler and more easily scaled.
- Developed new distributed configuration framework more resistant to failure and user-friendly (Kubernetes, Scala).

• **CodeHS**

San Francisco, CA

*Software Engineer, Intern**June - Aug., 2013 and 2014*

- Generalized exercise autograder, which allowed students to test the validity of their programs and curriculum developers to write tests that sanity checked said programs (AngularJS).
- Built content management system for adding new videos, exercises and quizzes to courses.
- Set up front- and back- end testing infrastructure and trained developers in their proper use.

ADDITIONAL EXPERIENCE

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- **Research Publications:** "The Emotional Toll of Inflammatory Bowel Disease: Using Machine Learning to Analyze Online Community Forum Discourse," "Visual Genome: Connecting Language and Vision Using Crowdsourced Dense Image Annotations," "Embracing Error to Enable Rapid Crowdsourcing."
- **Relevant Coursework:** Causal Inference, Sampling, Regression & ANOVA, Databases, Computer Security, Machine Learning, Convex Optimization, Probabilistic Graphical Models, Real Analysis, Operating Systems
- **Programming Languages (Experienced and Proficient):** Python, R, HTML/JavaScript, SQL, C, C++