

WORK EXPERIENCE

- Jon Ossoff for U.S. Senate** Atlanta, GA
Deputy Data Director Dec. 2020 - Jan. 2021
 - With relevant stakeholders, developed metrics to track performance of volunteer and Community Mobilizer (CM) relational programs: built network of >150k voters, including many first-time and low-propensity voters.
 - Built dashboard to support management of 3000 CMs by 40 full-time campaign staff, who could then evaluate CMs' performance and identify key voter networks (SQL, Google Data Studio). Public demo available [here](#).
 - Mobilized 4-person engineering and design team to build OutReach – a phone bank for personal networks – in less than a week, facilitating contact with >17k voters in the final two days of the campaign. To be open-sourced soon.
- Sri for Congress (TX-22), DigiDems** Houston, TX
Data Director June 2020 - Nov. 2020
 - Pulled voter contact lists in 20+ languages (SQL) and managed tech platforms (Reach, OutVote, ThruTalk).
 - Built Early Vote dashboard, which allowed tracking of vote share among target demographics (SQL).
 - 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.
- Camp Kesem at Stanford** Stanford, CA
Co-Chair July 2018 - July 2019
 - Managed leadership team of nine and cultivated a volunteer body of over 60 students.
 - Oversaw execution of annual gala, Make the Magic: raised >\$28k in one night, exceeding our \$25k goal.
 - Anonymized counselor selection process to promote inclusion and reduce bias: Developed Python software package (now standard at Camp Kesem) to convert Wufoo form entries to anonymized PDFs.
 - Personally secured >\$1000 in in-kind donations, including two-way radios for communication during camp.
- Asana** San Francisco, CA
Software Engineer, Stability Intern June - Sept. 2016
 - Migrated search cluster into Googles Kubernetes framework, making the cluster more stable and scalable.
 - Developed 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 autograder, allowing students to test their programs against curriculum developers' tests.
 - Built content management system for adding new videos, exercises and quizzes to courses (AngularJS).

TECHNICAL SKILLS

- **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++

RESEARCH EXPERIENCE

- **Baiocchi Lab (Mar 2019 - Present):** Estimating causal effects of behavioral interventions using free text (R).
- **Boaler Lab (Mar - Apr 2020):** Analyzed and reported teacher/student survey results from summer math program.
- **Tamang Lab (Sept - Dec 2019):** Visualized opioid adverse event rates across the VA Health System.
- **Hammer Lab (Jul - Sep 2017):** Investigated effectiveness of anti-PDL1 immunotherapies on cancerous tumors.
- **Sinha Lab (Mar - Jun 2018):** Co-author of "The Emotional Toll of Inflammatory Bowel Disease: Using Machine Learning to Analyze Online Community Forum Discourse."
- **Stanford Computer Vision Lab (Jun - Aug 2015):** Co-author of "Visual Genome: Connecting Language and Vision Using Crowdsourced Dense Image Annotations" and "Embracing Error to Enable Rapid Crowdsourcing."

EDUCATION

- Stanford University** Stanford, CA
B.S. in Computer Science (Systems); GPA: 3.97 Sept. 2014 - June 2018
M.S. in Statistics (Causal Inference); GPA: 3.92 Jan. 2018 - Mar. 2020