
WORK EXPERIENCE

- U.S. House of Representatives**
TechCongress Fellow
 - Serve on the Government Operations Subcommittee, advancing Chairman Gerry Connolly's priorities in tech modernization, federal IT procurement, cybersecurity, and open data.
 - Research relevant policymaking, write legislation, and prepare for Committee hearings and markups.
 - Jon Ossoff for U.S. Senate**
Deputy Data Director
 - With relevant stakeholders, developed metrics to track performance of volunteer and Community Mobilizer (CM) relational programs: built network of >160k 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. Open-source code [here](#).
 - Published analysis of program on the Analyst Institute: found that program improved turnout by an estimated **3.8 percentage points** and was particularly effective on young and low-turnout voters.
 - Sri for Congress (TX-22), DigiDems**
Data Director
 - Maintained voter data (SQL), managed tech platforms (e.g. Reach), and secured the IT of over 20 campaign staff.
 - Built Early Vote dashboard, which allowed tracking of vote share among target demographics (SQL).
 - Camp Kesem at Stanford**
Student Director
 - 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.
 - Asana**
Software Engineer, Stability Intern
 - Developed distributed configuration framework to mitigate application downtime (Google Kubernetes, Scala).
 - CodeHS**
Software Engineer, Intern
 - Built content management system to add videos, exercises and quizzes to computer science courses (AngularJS).

Washington, D.C.
Jun. 2021 - Present

Atlanta, GA
Dec. 2020 - Jan. 2021

Houston, TX
June 2020 - Nov. 2020

Stanford, CA
July 2018 - July 2019

San Francisco, CA
June - Sept. 2016

San Francisco, CA
June - Aug., 2013 and 2014

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**

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

Stanford, CA

Sept. 2014 - June 2018

Jan. 2018 - Mar. 2020