
WORK EXPERIENCE

- Magic Clay LLC**
Owner, Freelance Technologist
 - Backend Engineer, Tatta Bio, building open-source genomic sequence search platform.
 - Tech Lead, Council of State Governments, CompactConnect, system for sharing professional licenses across states.
 - Data Engineer, MovementLabs, developed analytics platform for its relational organizing programs.
 - Senate Committee on Appropriations**
Head of Technology and Data
 - Utilized machine learning to identify duplicate appropriations requests, saving staff 100s of manual-labor hours.
 - Encased 1990s Windows application, used to tabulate \$1.7 trillion in annual spending, in modern web app.
 - Developed real-time, appropriations request dashboard utilized for decision-making and bill production.
 - Panelist, “All Eyes on AI”, National Conference of State Legislatures Forecast ’24
 - Subcommittee on Government Operations (TechCongress)**
TechCongress Fellow
 - Advance Chair’s priorities in modernization, IT procurement, cybersecurity, and open data.
 - Conducted oversight on agency implementation of the CASES Act: sent bipartisan letters to five agencies.
 - Jon Ossoff for U.S. Senate**
Deputy Data Director
 - Built dashboard to support management of 3000 voter mobilizers with over >160k voters. Public Demo.
 - Mobilized team to build OutReach in less than a week, used to contact >17k voters in last two days of campaign.
 - Published program analysis, found that program improved turnout by an estimated **3.8 percentage points**.
 - 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.
 - 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/reduce bias, developed software to anonymize apps.
 - Asana**
Software Engineer, Stability Intern
 - CodeHS**
Software Engineer, Intern

Remote

March 2024 - Present (30 hrs/wk)

Washington, D.C.

Washington, D.C.

Atlanta, GA

Houston, TX

Stanford, CA

San Francisco, CA

San Francisco, CA

TECHNICAL SKILLS

- **Relevant Coursework:** Causal Inference, Sampling, Machine Learning, Databases, Security, Operating Systems
- **Programming Languages (Experienced and Proficient):** Python, R, HTML, Typescript, SQL, Rust, C, C++
- **Frameworks, Libraries, Tools:** tRPCs, VueJS, Flask, Docker, OpenShift

SELECT RESEARCH EXPERIENCE

- **Baiocchi Lab (Mar 2019 - Present):** Estimating causal effects of behavioral interventions using free text (R).
- **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