

Bailey Siber

My MISSION: Make a higher quality of life more accessible by working at the intersections of technology, data, advocacy, & health

EDUCATION

Tufts University

B.S. Community Health, Clinical Psychology, Computer Science
GPA: 3.81 | Honors: Summa Cum Laude, Psi Chi Society

Medford, MA

Graduated May 2018

Horizons School of Technology

Fullstack Software Engineering Fellowship

San Francisco, CA

Graduated August 2018

WORK EXPERIENCE

Devoted Health, Integrations Associate

Waltham, MA

March 2019 - Present

- Project manage data integrations for claims, medical management, STARS, RAF, and specialty networks
- Develop operational process improvements and automate workflows, such as revamping delivery of member facing materials to reduce QA time by >80% that withstands 5x volume increase
- Manage migration of 40+ external vendor connections to new endpoints
- Monitor, detect, and resolve data integration issues for 750+ live integrations
- Develop performance evaluation materials and assist in onboarding, supervising, and mentoring 2 offshore analysts
- **Software:** Excel, Javascript, Python, SQL

G|Code, Executive Lead, Strategic Partnerships

Roxbury, MA

Sep 2019 - Present

- Develop and execute a 10 week program, housed at the Boston Public Library, for 15 young women of color to learn coding fundamentals and gain exposure to the tech field, maintaining a 100% retention rate
- Leverage partnerships with STEM-focused local non profits for participants to further their learning following graduation
- Identified and managed relationships with 10+ partners to lead personal and professional development workshops for program participants, covering topics including financial literacy, negotiation, and mental health
- Leading research and evaluation efforts in partnership with TERC to ensure program efficacy and steer future growth
- Assisted in fundraising efforts resulting in \$350k of donations in less than 6 months
- **Software:** CSS, HTML, Javascript, React, React Native

Collective Health, Operations Associate

San Francisco, CA

Oct 2018 - March 2019

- Adjudicate medical claims & collaborate with member advocates to resolve complicated health plan questions
- Develop research questions, build query dashboards, and execute statistical analysis of claims data
- Build internal tools to improve workflows: slackbot to schedule meetings, emails automatically triggered by gsheet inputs, query dashboards, etc that drastically cut operation time
- Track accuracy & timeliness around core metrics & troubleshoot operational challenges
- **Software:** Excel, Javascript, Looker, Python, SQL

Massachusetts General Hospital, Disparities Research Unit, Research Assistant

Boston, MA

2017 - 2018

- Conducted qualitative & quantitative research with participants in marginalized communities
- Developed worksheets, surveys, & questionnaires administered to participants
- Analyzed data through methods including qualitative coding, regression, and t tests
- Contributed to literature reviews, systematic reviews, manuscripts, & presentations
- **Software:** Python, R, REDCap, Stata

Harvard University, Intergroup Relations Lab, Research Assistant

Cambridge, MA

2017 - 2018

- Recruited & ran study protocol with 100+ participants
- Analyzed data through methods including 1-way ANOVA & linear regression
- Contributed to literature reviews & presentations
- **Software:** Excel, SPSS, Stata

Tufts University, Office for Equal Opportunity, Intern**Medford, MA**

2016-2017

- Compiled resources for minority sexual assault survivors (undocumented, ESL, disabled, POC, LGBTQ)
- Contributed to presentations & pamphlets given to 1000+ undergraduate students per year

Nairobi Women's Hospital, Gender Violence Recovery Center, Project Lead**Nairobi, Kenya**

2016 - 2017

- Administered sexual violence climate surveys to 200+ community members
- Conducted FGDs, key informant interviews, & in-depth interviews with 40+ stakeholders
- Analyzed data through methods including chi square & logistic regression
- Completed literature review & wrote report with findings/recommendations
- **Presentations:** United Nations Women Gender-Based Violence Conference, School for International Training Conference, Tufts University Beyond the Classroom, Tufts University Research Symposium
- **Software:** Excel, Python, Stata, SQL

McLean Hospital, Gunderson Residence, Community Residence Counselor**Cambridge, MA**

2015-2017

- Utilized Dialectical Behavioral Therapy for treatment of Borderline Personality Disorder patients
- Led/co-led group-based therapy sessions & individual check-ins with patients
- Collaborated with clinical care team to construct tailored treatment plans
- **Software:** Epic, REDCap

LEADERSHIP POSITIONS

Every Voice Coalition, Steering Committee Member

2018 - 2019

- Co-lead grassroots organization focused on political advocacy & community building around sexual violence prevention
- Support initiatives to ensure that the coalition is accessible and welcoming to folks holding marginalized identities
- Plan, organize, & spearhead all grant-based, peer-to-peer, & philanthropic fundraising efforts

Tufts University, Action for Sexual Assault Prevention, President

2016 - 2018

- Developed survivor disclosures, perpetrator accountability, & community culture workshops; hosted for 30+ groups
- Hosted annual event It Happens Here, attended by 1000+ students per year

Tufts University, Presidential Steering Committee on Sexual Violence, Student Representative

2016 - 2018

- Advocated for student needs while collaborating with administration to propose University policy changes

Tufts University, Computer Science Department, Teaching Assistant

2016 - 2017

- Led lab sessions, graded homework/exams, & hosted office hours for Introduction to C++ course

SKILLS

Programming Languages: Javascript, C++, HTML5, CSS3, Stata, SPSS, SQL, Python, R**Software/Tooling:** React, React Native, Node.js, Express.js, Passport.js, AJAX, jQuery, MongoDB, Git, Heroku, Webpack**Languages:** Limited working proficiency in Spanish, Arabic, Swahili, American Sign Language**Certifications:** CITI for Human Research Subjects & Behavioral Research, Rape Crisis Counseling, Suicide Prevention Counseling**Interests:** Metalsmithing, hiking, volunteering & exploring!