# Bailey Siber

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**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*

- Monitor, detect, and resolve data integration issues
- Participate in data integration projects focused on specific functional areas
- Perform root cause analysis, track trends, and recommend process improvements
- Build and use business intelligence tools to detect data anomalies, verify hypotheses, and measure health of systems
- Develop subject matter expertise in key technology systems, data entities, and health care business practices
- **Software**: Excel, SQL

**Freelance,** *Full Stack Software Engineer*

**Remote**
*May 2018 - Present*

- Consult with clients to outline website goals, illustrate wireframes, & discuss site functionality.
- Develop user-friendly architecture by programming site navigation, social media links, & organizing site content into logical catalogs & flows.
- Develop RESTful APIs and incorporate APIs from Google, Slack, Facebook, and Youtube.
- Deploy express servers on Heroku and use mlab to store and access user information and events
- **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
- 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**
- Compiled resources for minority sexual assault survivors (undocumented, ESL, disabled, POC, LGBTQ)    *2016-2017*
- Contributed to presentations & pamphlets given to 1000+ undergraduate students per year

**Nairobi Women's Hospital, Gender Violence Recovery Center,** *Project Lead*               **Nairobi, Kenya**
- Administered sexual violence climate surveys to 200+ community members                            *2016 - 2017*
- 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**
- Utilized Dialectical Behavioral Therapy for treatment of Borderline Personality Disorder patients    *2015-2017*
- 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*                               *2014 - 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

**Samaritans & Call2Talk,** *Volunteer*                                                        *2013 - 2018*
- Answered phone calls from individuals with intent, plans, or means for suicide
- Assessed caller risk levels, de-escalated crises, suggested short term solutions & offered relevant resources to callers

## 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!