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https://github.com/BaileySiber

# Bailey Siber

**My Mission:** Make a higher quality of life more accessible by working at the intersections of technology, advocacy, and health

## EDUCATION

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### 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

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### Collective Health, Operations Associate

- Spearhead strategies to optimize efficiency & scalability, build internal tools to improve processes
- Build internal tools to improve workflows: slackbot to schedule meetings, emails automatically triggered by gsheets inputs, etc
- Track accuracy & timeliness around core metrics & troubleshoot operational challenges
- **Software:** Excel, Javascript, Python, SQL

**San Francisco, CA**

*Oct 2018 - Present*

### Ergobot, Web Designer & Front-End Engineer

- Design and develop website for automatic erg logger that records erg data from photo upload
- Integrate RESTful APIs for computer vision capability and employ Google API for secure logins
- Deploy express server on Heroku and mlab to store and access user information and events
- Launched mobile application on App Store and launched website
- **Software:** CSS, HTML, Javascript, React, React Native

**San Francisco, CA**

*Sept 2018 - Present*

### Head Smart, Full Stack Engineer

- Design and develop mobile-based mental health tool that allows users to journal, track their moods, and receive suggestions and exercises to improve their wellbeing
- Develop RESTful APIs to provide appropriate suggestions to users depending on their mood and react to user feedback on suggestion effectiveness
- Deploy express server on Heroku and mlab to store and access user information and events
- **Software:** CSS, HTML, Javascript, React Native

**San Francisco, CA**

*July 2018 - Present*

### Freelance, Web Designer & Front-End Engineer

- 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.
- **Software:** CSS, HTML, Javascript, React

**San Francisco, CA**

*2017 - Present*

### Massachusetts General Hospital, Disparities Research Unit, Research Assistant

- Conducted qualitative & quantitative research with participants in marginalized communities
- Developed worksheets, surveys, & questionnaires administered to participants
- Contributed to literature reviews, systematic reviews, manuscripts, & presentations
- **Software:** Python, R, REDCap, Stata, Tableau

**Boston, MA**

*2017 - 2018*

### Harvard University, Intergroup Relations Lab, Research Assistant

- Recruited & ran study protocol with 100+ participants
- Contributed to literature reviews & presentations
- **Software:** Excel, SPSS, Stata

**Cambridge, MA**

*2017 - 2018*

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

2016-2017

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

**Nairobi Women's Hospital, Gender Violence Recovery Center, Research Assistant****Nairobi, Kenya**

2016 - 2017

- Administered sexual violence climate surveys to 200+ community members
- Conducted FGDs, key informant interviews, & in-depth interviews with 40+ stakeholders
- 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

**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

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**LEADERSHIP POSITIONS**

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**Every Voice Coalition, Steering Committee Member**

2018 - 2019

- Co-lead grassroots organization focused on political advocacy & community building around sexual violence prevention
- Plan, organize, & spearhead all grant-based, peer-to-peer, & philanthropic fundraising efforts
- Manage budgets, financial resources, & expenses for all Every Voice initiatives

**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

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**SKILLS**

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**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!