Bailey Siber

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

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EDUCATION

Tufts University   **Medford, MA**
B.S. Community Health, Clinical Psychology, Computer Science   *Graduated May 2018*
GPA: 3.81 | Honors: Summa Cum Laude, Psi Chi Society

Horizons School of Technology   **San Francisco, CA**
Fullstack Software Engineering Fellowship   *Graduated August 2018*

WORK EXPERIENCE

Collective Health, *Operations Associate*   **San Francisco, CA**
- Adjudicate medical claims & collaborate with member advocates to resolve complicated health plan questions   *Oct 2018 - Present*
- 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, Python, SQL

Ergbot, *Web Designer & Front-End Engineer*   **San Francisco, CA**
- Design & develop website for automatic erg logger that records erg data from photo upload   *Sept 2018 - Present*
- Integrate RESTful APIs for computer vision capability & employ Google API for secure logins
- Deploy express server on Heroku & mlab to store & access user information & events
- Launched mobile application on App Store & launched website
- **Software**: CSS, HTML, Javascript, React, React Native

Head Smart, *Full Stack Engineer*   **San Francisco, CA**
- Design & develop mobile-based mental health tool that allows users to journal, track their moods, & receive suggestions & exercises to improve their wellbeing   *July 2018 - Present*
- Develop RESTful APIs to provide appropriate suggestions to users depending on their mood & react to user feedback on suggestion effectiveness
- Deploy express server on Heroku & mlab to store & access user information & events
- **Software**: CSS, HTML, Javascript, React Native

Freelance, *Web Designer & Full-Stack Engineer*   **San Francisco, CA**
- Consult with clients to outline website goals, illustrate wireframes, & discuss site functionality   *2017 - Present*
- Develop user-friendly architecture by programming site navigation, social media links, & organizing site content into logical catalogs & flows.
- **Software**: CSS, HTML, Javascript, React

Massachusetts General Hospital, Disparities Research Unit, *Research Assistant*   **Boston, MA**
- Conducted qualitative & quantitative research with participants in marginalized communities   *2017 - 2018*
- Developed worksheets, surveys, & questionnaires administered to participants
- Analyzed data through methods including chi square, t test, linear regression, & logistic regression
- Contributed to literature reviews, systematic reviews, manuscripts, & presentations
- **Software**: Python, R, REDCap, Stata, Tableau

Harvard University, Intergroup Relations Lab, *Research Assistant*   **Cambridge, MA**
- Recruited & ran study protocol with 100+ participants   *2017 - 2018*
- 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 marginalized sexual assault survivors (undocumented, ESL, disabled, POC)   *2016-2017*
- Contributed to presentations & pamphlets given to 1000+ undergraduate students per year

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

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

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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!