

Samantha Jaehnig

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EDUCATION

University of Michigan College Of Engineering | *Ann Arbor, MI*

- Computer Science MSE
- Computer Science BSE & Data Science BSE
- GPA: 3.862

Current

Sept. 2019 - Dec. 2022

Relevant Coursework: EECS 281 Data Structures & Algorithms, EECS 482 Operating Systems, EECS 441 Mobile App Development, EECS 485 Web Systems, EECS 445 Intro to Machine Learning, EECS 442 Computer Vision, EECS 203 Discrete Math, MATH 215 Multivariable Calculus, MATH 217 Linear Algebra

EXPERIENCE

Asana - Android Engineering Intern | *San Francisco*

Summer 2024

- Implementing filter/group/sort options to support desktop parity for task lists on android, collaborating with engineers to craft new, clean data-providing and view state mapping abstraction interfaces.
- Optimizing core app components (task detail and list views) to utilize new Jetpack Compose UI framework.

Spotify - iOS Engineering Intern | *Remote*

Summer 2023

- Actively participating in design/backend syncs throughout development of Spotify for Artist (S4A) features.
- Developing a new SwiftUI video trimmer component for integration into the existing S4A clips upload flow.
- Providing thoughtful and thorough insights while reviewing code and documentation for team members.

Meta - Software Engineering Intern

Privacy Data Access Review Team | *Seattle, WA*

Summer 2022

- Implementing new privacy UI by refactoring the codebase, constructing a filter feature, and integrating new react components with existing privacy data by modifying, writing, and testing graphql queries.
- Proactively sourcing new tasks beyond set intern project scope and addressing a variety of interface and functionality based feedback for broader team's work to enhance overall experience with privacy UI.
- Collaborating with team through participation in bug bashes, meetings, and project-planning sessions.

Instagram Growth Ranking Services Team | *Remote*

Summer 2021

- Iterating Instagram candidate sourcing logic for efficiency, cpu and latency savings, and ease of future updates to account chaining, and enhancing corresponding test suites.
- Refactoring complicated existing C++ logic to cleaner and more consistent query-based code.

EECS 280 Programming & Intro Data Structures - Instructional Aide | *Ann Arbor, MI*

Aug. 2020 - Current

- Organizing and individually instructing weekly lab sections and office hours for students to supplement learning of core concepts and to assist students with conceptual, lab, and project based questions.
- Actively sharing experience with the course to connect with students and provide useful insights.
- Managing office hours staffing logistics and schedules within a student-staff leadership role.

EXTRACURRICULARS & LEADERSHIP

Enlight - Cohort Mentor | *Virtual*

July 2020 - Aug. 2021

- Engaging with new programmers in two week cohorts to teach the basics of HTML/CSS/JS and Python.
- Designing and publishing a tutorial for coders to begin integrating Spotify API functionality into programs.

Women in Science & Engineering Residence Program - Peer Mentor | *Ann Arbor, MI*

Aug. 2019 - May 2021

- Mentoring and supporting female freshmen in STEM throughout their first year as a sophomore leader.
- Promoting the community to incoming freshmen at campus days as a Recruitment Team member.

SKILLS

Languages: SwiftUI, C++, Kotlin, Python, Swift, JavaScript, React, Java, HTML/CSS, Scheme, C, Prolog

Toolings: XCode, Visual Studio Code, Android Studio, Github, Firebase, Netlify