

Keri Tenerowicz

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Education

Cornell University

B.S. in Computer Science, GPA: 3.5

Ithaca, NY

Aug 2019 – May 2023

Activities and Societies: Combat Robotics at Cornell, CUSail, Cornell Wushu, Alpha Phi Omega

Skills

Languages/Frameworks: TypeScript, JavaScript, React, Redux (RTK Query), Ruby on Rails, Python, Java, HTML/CSS, JUnit, Mockito

Tools/Infrastructure: PostgreSQL, SQL, Selenium, REST APIs, AWS, Git, GitHub/GitLab, Jenkins, Docker, Brazil, Gerrit, Vite, Webpack, Jira, Confluence

Experience

Software Engineer

Cisco Meraki

San Francisco, CA

Jul 2023 – Present

- Led the "magnetization" of Camera Details and Network tabs, migrating legacy jQuery/Flux to RTK Query and React while extracting core logic into standalone utilities and video libraries.
- Spearheaded the Camera List performance initiative, reducing page load times by 15–30 seconds through API streamlining, table pagination, and implementation of chunked data fetching. Wrote a design doc to outline page reconstruction for further improvements.
- Led my team's contribution in the Wall-E project, defining functional specifications, calculating engineering resource needs, and managing end-to-end milestone tasks from pre-alpha to general availability. Implemented most tasks for this camera's compatibility with Dashboard.
- Led the Flexible Retention Days project, replacing drop-downs with text boxes on camera pages. Coordinated timelines across teams, collaborated with QA on test plans, and ensured a smooth deployment.
- Facilitated cross-team discussions to resolve blockers, scope tasks, and propose tools to improve team efficiency.
- Designed and implemented the frontend for License Plate Recognition, delivering complex configuration UIs and ensuring cross-feature compatibility with HDR systems.
- Automated internal team operations using Lita, authored on-call playbooks and component documentation, and provided 1:1 technical mentorship to junior engineers on React and API best practices.

Software Engineer Intern

Cisco Meraki

San Francisco, CA (Remote)

Aug 2022 – Dec 2022

- Implemented a popover tour framework using Intro.js in JavaScript with React to introduce a user to new features of the website. Added testing for the feature and deployed it to Vision Portal users via a Network Feature Override.
- Completed work on UI improvements, streaming playback quality, and inconsistent browser errors.

Jan 2022 – May 2022

- Developed a polygon selection tool for camera views using React Redux, with data saved to PostgreSQL and analyzed in Ruby on Rails. Deployed the tool to Meraki devices via a Network Feature Override.
- Collaborated across the stack with developers, designers, and product managers on the front end team.

Software Development Engineer Intern

Amazon

Sunnyvale, CA

May 2022 – Aug 2022

- Created a voice-activated prompt response for Alexa to say the time aloud 5 seconds after an alarm starts ringing via sending notification topics between the cloud and Alexa devices.
- Configured the AWS services to the notification publishers and handlers in Java.
- Collaborated with members of the Alexa Alarms team in an Agile environment.

Software Engineer Intern

Curriculum Associates

Billerica, MA (Remote)

Jun 2021 – Aug 2021

- Implemented an automation tool to create Selenium tests for the interactive elements of web pages in JavaScript. This tool was frequently used among developer and QA teams.