

# Harris McCullers

[harrismccullers@gmail.com](mailto:harrismccullers@gmail.com) | [harrismccullers.com](http://harrismccullers.com) | [github.com/harrismcc](https://github.com/harrismcc)

## Skills

---

**Languages:** TypeScript, JavaScript, Rust, Go, SQL, CSS, HTML

**Other Skills:** Pulumi (IaC), React, Redux, Postgres, Node.js, REST APIs, GraphQL, E2EE

## Experience

---

### Software Engineer II, Transcend

Aug 2022 – Present

- Architected and implemented a reporting tool that displays live metrics on customers' privacy-policy pages, currently serving millions of end-users and enabling customers to achieve 100% compliance with California privacy laws.
- Developed an automated serverless web auditor using Playwright and AWS Lambda, helping customers find 250K compliance issues on their sites.
- Designed and implemented a standardized GraphQL analytics API, and created dashboards and charts in the UI to display these analytics, improving visibility for customers into their privacy programs and unlocking a \$3M contract
- Fixed over 50 P1 & P0 bugs in production, and triaged outages as an on-call engineer
- Conducted 20+ technical interviews, reviewed resumes, and contributed to the decision-making process leading to the hire of 4 employees.
- Mentored two summer interns, helping them onboard, complete their projects, and convert to full-time employees
- Wrote hundreds of tests using Mocha and Cypress, improving platform stability and codebase quality

### Software Engineer I, Transcend

Sep 2021 – Aug 2022

- Developed an "Action Items" system with 2 teammates that scans for platform configuration issues and notifies customers, provides resolution steps, and assigns tasks — reducing manual workload of the CX team by 50%
- Implemented a stream-unzipping pipeline that facilitated redaction of PII from large email exports by unzipping files in transit, removing the need for customers to download and manually unzip the files and saving them time
- Built 5 custom privacy integrations with 3rd party APIs to access and delete user data from external vendors, and helped to maintain Transcend's library of over 1,500 integrations

### Software Engineer Intern (Harvey Mudd Clinic Program), Desmos

Sep 2020 – May 2021

- Collaborated to develop a greenfield programming language, Computation Layer, with a team of students and Desmos software engineers, enabling teachers to create interactive lessons for students.
- Built developer tools, IDE enhancements, and new language functionality for Computation Layer using Typescript
- Wrote a 10-page academic paper along with my team describing the technical approach and design of Computation Layer, and presented the paper to the Computer Science Department

### Project/Product Management Intern, MagicLinks

May 2019 – Sep 2019

- Led a team of 5 engineers in the design and development of MagicLinks' first mobile app using React Native
- Wrote PRDs, estimated timelines, and worked to gather and understand user stories

## Projects

---

### Untitled Notes App

[github.com/harrismcc/notes-app-v2](https://github.com/harrismcc/notes-app-v2)

- Building an open source note-taking desktop app with a React frontend and Rust backend. Includes an integrated WYSIWYG markdown editor and fully-offline AI features

### Unzippopotamus

[github.com/nopersonalspace/unzippopotamus](https://github.com/nopersonalspace/unzippopotamus)

- Created a performant, easy to use, and fault-tolerant unzip-streaming library for Node.js that never stores the whole file in memory or on disk

## Education

---

**Pitzer College** – BA in Computer Science

May 2021