Alexandra Paskhaver

Software Engineer and Writer

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EXPERIENCE

Spring Health / *Software Engineer I*   **AUG 2024 - PRESENT**

Technologies used: Typescript, React, Rails

- Added notifications, a noise filter, and fixed UI bugs in a video communications feature that replaced Zoom, contributing to a project with estimated savings of $90,000 per month
- Created 3 components for the component library and updated 5 others, solving accessibility errors across tens of webpages
- Contributed logic to multiple repositories that enabled clients to customize their employees' experiences on our platform

Spring Health / *Software Engineer Intern*   **JUN 2024 - AUG 2024**

Technologies used: Typescript, React, Rails

- Fixed 15 accessibility errors to improve the experience of users utilizing screen readers
- Identified and wrote tickets for 20+ bugs
- Implemented logging for 90 events to streamline troubleshooting when users encountered errors
- Reviewed 40+ pull requests across backend, frontend, and internal tooling code bases
- Updated documentation

Amazon.com, Inc. / *Software Development Engineer Intern*   **MAY 2023 - AUG 2023**

Technologies used: Amazon Web Services (AWS), Java, Python, Bash

- Developed a load test on an internal tool for the Aurora Serverless v2 team, giving insight into a previous blind spot
- Automated the creation of HTTP servers to increase the scalability of future tests
- Wrote documentation and an engineering design document with input from my team

Princeton University Investment Company / *Investment Technology Analyst*   **JUN 2022 - AUG 2022**

Technologies used: Python, pandas, Microsoft Excel, Azure DevOps

- Wrote scripts to get, modify, and post data to a financial research management system, saving 50+ hours of data entry
- Analyzed corresponding entries between spreadsheets using difflib and regex, saving 20+ hours of manual searching per year
- Enhanced error detection by increasing test coverage to 73%
- Refactored 27% of unit tests to use mock API calls to decrease test runtime

Udemy / *Online Instructor*   **AUG 2021 - PRESENT**

- Created the bestselling Introduction to Political Science course
- Produced 5 hours of course material to engage 800+ students
- Designed 5 course logos with PhotoShop on request for another instructor

EDUCATION

Rutgers University / *School of Arts & Sciences*   **SEP 2021 - JAN 2025**

- Pursuing a Bachelor's in Computer Science; minors in American Studies and Political Science
- On Dean's List for 6 semesters (GPA: 3.98)

WRITING

GoKidGo / *Scriptwriter*   **MAR 2024 - SEP 2024**

- Wrote 52 episodes for the children's podcast "The Word Search"

Cagle / *Syndicated Humor Columnist*   **JAN 2023 - PRESENT**

- Through syndication with Cagle, distributed humor columns to 800 publications per week