Alexandra Paskhaver

Software Engineer

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EXPERIENCE

Spring Health / *Software Engineer I*   **AUG 2024 - PRESENT**
Technologies used: React, TypeScript, Ruby on Rails, GraphQL
- Added notifications and a noise filter to a video communications tool, contributing to a project that helped save an estimated $90,000 per month
- Crafted and upgraded 12 components for the component library and a front-end repository, solving accessibility errors across 10+ webpages and streamlining other developers' work
- Built logic that customized client experiences on pages with thousands of unique viewers, enabling clients to have tailored care experiences
- Updated documentation to improve coding and communications processes
- Led rebranding effort to get more members into self-care routines
- Led the deprecation and elimination of out-of-date code experiments

Spring Health / *Software Engineer Intern*   **JUN 2024 - AUG 2024**
Technologies used: React, TypeScript, Ruby on Rails
- Implemented logging for 90 events to streamline troubleshooting when users encountered errors
- Fixed 15 accessibility errors to improve the experience of users utilizing screen readers
- Identified and wrote tickets for 20+ bugs, helping to solve accessibility and UI errors

Amazon.com, Inc. / *Software Development Engineer Intern*   **MAY 2023 - AUG 2023**
Technologies used: Amazon Web Services (AWS), Java, Python, Bash
- Developed a load test to pinpoint how much data certain servers could ingest before overloading
- Automated the creation of HTTP servers to increase the scalability of future tests
- Wrote documentation and an engineering design document on the codebase's architecture

Princeton University Investment Company / *Investment Technology Analyst*   **JUN 2022 - AUG 2022**
Technologies used: Python, pandas, Microsoft Excel, Azure DevOps
- Wrote scripts to update ticket metadata in an internal system, saving 50+ hours of data entry for 3 analysts
- Automated a process to fuzzy match Excel data, saving 20+ hours of manual searching per year
- Enhanced error detection by increasing test coverage to 73%
- Decreased test runtime by refactoring 27% of unit tests to use mock API calls

EDUCATION

Rutgers University / *School of Arts & Sciences*   **SEP 2021 - JAN 2025**
- Bachelor of Arts *summa cum laude* in Computer Science; minors in American Studies and Political Science

PROJECTS

Rutgers RUMobile   App Store
Technologies used: React Native, React Native Testing Library   Google Play Store
- Collaborated with developers and designers to serve 3,000+ users by building new features
- Built 20+ components to display food details and profiles, welcome users, and more
- Improved product quality by increasing test coverage by 12%
- Upgraded dependencies to ensure the codebase was up-to-date

Udemy / *Online Instructor*   **AUG 2021 - PRESENT**
- Created the bestselling Introduction to Political Science course: 5 hours of lessons, 1,000+ students
- Designed 5 course logos with PhotoShop on request for another instructor