

# 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- Led the deprecation and elimination of out-of-date code experiments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

- 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