

Alexandra Paskhaver

Software Engineer and Syndicated Writer

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EXPERIENCE

Spring Health / Software Engineer I

AUG 2024 - PRESENT

Technologies used: React, TypeScript, Rails, GraphQL

- Added notifications and a noise filter to a video communications tool that replaced Zoom, contributing to a project that helped save an estimated \$90,000 per month
- Created 3 components for the component library and updated 5 others, solving accessibility errors across tens of webpages
- Built logic that customized client experiences on pages with thousands of unique viewers
- Updated documentation to improve coding and communications processes

Spring Health / Software Engineer Intern

JUN 2024 - AUG 2024

Technologies used: React, TypeScript, 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 frontend, backend, and internal tooling code bases

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 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 an internal system, saving 50+ hours of data entry
- 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

Udemy / Online Instructor

AUG 2021 - PRESENT

- Created the bestselling [Introduction to Political Science](#) course (5 hours of lessons, 800+ students)
- Designed 5 course logos with PhotoShop on request for another instructor

EDUCATION

Rutgers University / School of Arts & Sciences

SEP 2021 - JAN 2025

- Bachelor's in Computer Science; minors in American Studies and Political Science

WRITING

MDC Productions / Creative Consultant

JAN 2025 - PRESENT

- Edited scripts and contributed some writing to season 2 of ["The Search for the Silver Lining"](#)

GoKidGo / Scriptwriter, Voice Actor

MAR 2024 - PRESENT

- Wrote 52 episodes for the children's podcast ["The Word Search"](#)
- Voiced a supporting character in 2 episodes of ["Peace, Love, and Cupcakes"](#)

Humor Column

JAN 2023 - PRESENT

- Pitched and wrote 60+ [humor columns](#) for local papers with daily single-copy sales of 13,000+
- Through syndication with Cagle, distributed columns to 800+ additional publications per week