

sharon alexander

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experience

Brown University - Teaching Assistant
Introduction to Computer Systems
Fall 2020 - PRESENT

- Updated and improved course materials, such as project/lab handouts, and graded assignments
 - Held 4 hours of TA hours a week for a class of 300+ students (code and conceptual hours)
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The Coding School - Technical Intern
Summer 2020

- Designed, developed and revised lessons and projects for Java and Python curriculums of The Coding School's virtual summer coding programs
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Setoo - Quality Assurance Intern
Summer 2019

- Created and executed automated tests on company's GUI using Cucumber and Selenium WebDriver
 - Updated and maintained existing test scripts whenever new features were added to the software
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leadership

Search + Rescue Instructor - Israel Defense Forces
December 2015 - December 2017

- Instructed Search and Rescue combat soldiers on how to rescue people out of rubble
- Planned schedules and supervised the training of twelve companies during my service (~ seventy soldiers per company). Guided and trained company and platoon officers and commanders
- Carried out all-night drills to simulate real-life search and rescue operations

education

Brown University - Providence, RI
B.S. Computer Science

Windhoek International School - Windhoek, Namibia
International Baccalaureate: 39 points

projects

Responsive Redesign - UI/UX
Fall 2020

- Redesigned a website by identifying usability/accessibility issues, created low-fidelity and high fidelity prototypes for various screen sizes, and then built a responsive website based on those prototypes
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Hypothesis Testing - Data Science
Spring 2020

- Carried out data collection and manipulation, multiple linear regressions and data visualizations to observe the relationship between temperature and energy consumption in New England
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Shell - Introduction to Computer Systems
Fall 2019

- Coded a C Shell which involved command line parsing, handling child processes, I/O redirection, and implementing a job control system

skills

Languages

English (native), Hebrew (native)

Technical

Java, Python, C, HTML/CSS, JavaScript, SQL, Linux/Unix, Balsamiq, Invision, Figma, Adobe XD, React, Github, Selenium Webdriver