sharon alexander

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experience

Rocket Alumni Solutions - *Frontend Developer*
Spring 2021 - PRESENT

• Built dynamic layouts in VueJS for digital hall of fames
• Added unit/integration tests to the dynamic layout pages

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

• 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)

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

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

The University Web - *Modern Web & Mobile Applications*
Spring 2021

• Worked with a team to build a mobile application that aims to help high school students get a feel of what universities look like on the inside. (React Native frontend, Python/Flask backend, Firebase)

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 coded 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

skills

Languages
English (native), Hebrew (native)

Technical
Python, JavaScript, C, HTML/CSS, React, VueJS, Java, Node.js, Linux/Unix, Figma, Webflow, Balsamiq, Invision, Adobe XD, Github