Sharon Alexander

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Portfolio: https://sharonalexander.herokuapp.com/

EDUCATION

Brown University | Providence, RI   Expected Graduation: May 2022
Bachelor of Science, Computer Science

Windhoek International School | Windhoek, Namibia   Graduated: May 2015
International Baccalaureate Diploma: 39 points (out of 45)

TECHNICAL EXPERIENCE

Frontend Developer | *Rocket Alumni Solutions*   Spring 2020 - PRESENT
- Built dynamic layouts in VueJS for digital hall of fames
- Added unit/integration tests to Rocket's software
- Improved and added features to enhance the user experience
- Scraped clients' sports websites in order to upload their data to their digital hall of fame

Frontend Developer | *Publicis Mint*   Summer 2021
- Developed websites for Ford Israel and Geely Israel to allow consumers to purchase their vehicles online (React)
- Built a desktop version of Mint's company website, which was originally only mobile compatible

Computer Science Undergraduate TA | *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)

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 | *User Interfaces and User Experience (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

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

LEADERSHIP EXPERIENCE

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

SKILLS AND INTERESTS

Languages: English (native), Hebrew (native)
Technical: Python, JavaScript, C, HTML/CSS, React, VueJS, Java, Linux/Unix, Figma, Github, Jira, Beautiful Soup