

Sharon Alexander

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

EDUCATION

Brown University | Providence, RI
Bachelor of Science, Computer Science: 3.88 GPA

Graduated: May 2022

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

Graduated: May 2015

TECHNICAL EXPERIENCE

Frontend Developer | *Rocket Alumni Solutions*

Spring 2020 - PRESENT

- Built responsive layouts in VueJS for digital hall of fames
- Built a dynamic site scraper that allows Rocket to scrape all sites powered by SIDEARM Sports and PrestoSports, instead of having to manually scrape sites for new clients. This allowed Rocket to scrape sites for 50+ new clients at a significantly faster rate
- Integrating the frontend with the new backend after transitioning from a MySQL to a MongoDB database
- Improved and added features to enhance the user experience

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

PollIt | *Personal Project*

- Currently doing the UI design and frontend development of a mobile application that will allow users to create their own polls, vote on polls, and scroll through a feed of polls.

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

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

Languages: English (native), Hebrew (native)

Technical: Python, JavaScript, C, HTML/CSS, React, VueJS, Java, Linux/Unix, Figma, Github, Jira, Beautiful Soup