






# Shachar Habusha

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## EDUCATION

### University of California, Berkeley

B.S. Computer Science (EECS)

| Aug 2021 - May 2024

### MiraCosta College

Computer Science

| Aug 2019 - May 2021

## EXPERIENCE

### Automation Engineer - Intern Jun 2021 - Jul 2021 Atera Software

Atera Software is the leader in RMM Software with remote support, help desk, billing and reporting in one platform.

- Developed and implemented an automated logger, which is used to identify critical issues, to help the QA team debug and find errors inside test files by printing out each execution step of the file to an organized HTML, text file, and XML file. Implementation of the logger allowed Atera to amplify the runtime for product functionality and identify errors and viruses in client's side computers.
- Collaborated with the development, product and QA teams to collect internal requirements and build automated and intuitive UI.

### Academic Tutor for CS Classes Jun 2021 - Jun 2022: @ Mira Costa College San Diego

- Operating Systems & Systems Programming, Efficient Algorithms, Data Structures, Computer Architecture, Designing Information Devices and Systems I&II, Structure & Interpretation of Computer Programs, and Discrete Math.

### Founder and CEO SaveZ - May 2019 – Jul 2021 @ SaveZ | San Diego, CA

- Developed IoT devices (hardwired) that detect fire smoke and e-cigarette smoke. In the device, I integrated and customized a few types of Sensor Systems in order to identify vaping and other threatening chemicals.
- Developed a full admin app to give user control over the detector as well as notification alerts.
- Submitted a provisional patent for an algorithm that distinguishes regular vapor from vapor from an electronic cigarette.
- Collaborated with investors, marketing, advisors and educators to plan the launch of the product.

## INDEPENDENT PROJECTS

### Gym Bot:

- Developed a bot, using Javascript/Html/Node.js/SQL, that signs up automatically gym members to their preferred classes.

### Retailer Bot:

- Automated the shopping process in high demand websites.
- Specs: pass reCAPTCHA, find the specified product and checkout with given information without getting caught as a bot.

### Meeting App Swift:

- Learned Swift, moving data throughout different pages of the app, planning the architecture of the app and organizing a cluster of classes.

## INVOLVEMENT

### Berkeley ASUC Senator Tech Department

- Develop screening functionality to Berkeley's iOS app.

### VP Multinational Debate Club Aug 2020 – Jul 2021

- Initiated a community forum in which students could debate politics, culture, friendship, religion, and other controversial topics in a safe and non-judgmental environment. Scheduled weekly meetings, organized meeting facilities and equipment, and solicited participation from a uniquely diverse group of 10-15 students per meeting.

### Peace of Mind (POM)

- Part of a team that taught PTSD-afflicted combat Israeli soldiers to surf. Created an inclusive, confident and supportive environment for learners of varying physical abilities. Engaged trainees despite significant age differences, and crafted a strong emotional connection that helped them overcome the challenges of learning a new sport.

## SKILLS

**Programming Languages:** Python (Scripting, OpenCV, Web) | JavaScript (React, Node) | C | C++ | Java | SQL | HTML/CSS | TypeScript | Swift

**Languages:** English | Hebrew