

# Sholehani Hafezi

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## EDUCATION

### University of California San Diego

*Bachelor of Arts in Computer Science — GPA: 3.39*

La Jolla, CA

Sep. 2022 – June 2024

### San Diego Miramar College

*Associate Degree in Pre-Engineering Studies — GPA: 4.0*

San Diego, CA

Aug. 2020 – May 2022

## EXPERIENCE

### Women In Computing — Team Lead, Programmer

*University of California San Diego*

Sep. 2023 – March 2024

La Jolla, CA

- Developed a local web application using PostgreSQL and HTML for a student enrollment system
- Led and managed group tasks among programmers and held technical tutorials for underclassmen
- Explored practical skills for integrating people's skillsets outside of computer science

### Girls Who Code — Programmer

*San Diego Miramar College*

Dec. 2020 – May 2022

San Diego, CA

- Developed a mental health chatbot using Python to host on a college's health center webpage
- Organized digital outreach opportunities targeting female college students in STEM

### Robotics Programmer

*Mt. Carmel High School*

Aug. 2018 – June 2020

San Diego, CA

- Implemented robots' controls and autonomous phases using Java on Android-based robots
- Competed in regional state competitions and troubleshooted spontaneous robot issues
- Presented our robot's design at multiple local outreach events

## PROJECTS

### University Enrollment System | *Java, HTML, Apache Tomcat, PostgreSQL*

2024

- Developed a local Java application using Postgres JDBC Driver to interact with a database
- Hosted forms for students and faculty to enroll/manage university courses and degree requirements
- Managed Postgres DBMS database to receive and send data based on form interactions
- Enabled multiple processing options based on user search settings and stored data

### Simple Router / Packet Handler | *C, Docker*

2024

- Simulated routers to send/receive packets using Sliding Window Protocol and TCP congestion control
- Implemented basic ARP and ICMP routing protocols between simulated routers
- Manually structured and logged Ethernet frames navigating between routers

### Stargazer (Fortune Web App) | *HTML/CSS, JavaScript, MongoDB*

2024

- Developed a web application to predict users' fortunes and store their findings
- Integrated CI/CD pipeline to better simulate agile project management
- Implemented website's back-end for fetching and sending users' fortunes using Node.js
- Followed industry-like group procedures such as conducting sprints, retrospectives, and using ADR's

### Battle X Armada (Video Game) | *Java, Apache Maven*

2022

- Developed a Space Invaders-like game with a local database to store high scores
- Used Java's Abstract Window Toolkit to implement attack mechanics and entity collision

## TECHNICAL SKILLS

**Languages:** C/C++, Java, Python, SQL (Postgres), JavaScript, HTML/CSS, SystemVerilog

**Frameworks:** Node.js, WordPress

**Developer Tools:** Git, Docker, VS Code, Visual Studio, GitHub, vim

**Availability:** (August 2025, July 2026)