

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 local database
- Hosted HTML forms for users to manage university courses, students, faculty, and degree information
- Used Java and a DBMS to manage the database and handle data input from HTML forms
- Enabled users to execute predefined queries against constantly changing datasets

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 using GitHub Actions to simulate agile development
- Implemented the back-end API using Node.js to retrieve and deliver user fortunes
- Followed industry-like team 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 server hosted on AWS 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, Catch2

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

Availability: (August 2025, July 2026)