

MARTIN WISE

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SKILLS

Programming Languages: (*Proficient*): Java, C, Python (*Familiar*): HTML, CSS, JavaScript, SQL

Tools: Visual Studio, IntelliJ, Unity, Excel, Microsoft Word

Collaboration: Slack, Teams, Discord

Soft Skills: Leadership, teamwork, time management, effective communication, risk assessment

PROJECTS

- **Revibe:** Rebuilt decommissioned Spotify device by flashing NixOS allowing the device to host a custom web app and enable Bluetooth communication with a custom mobile app.
- **Cloud vs Local evaluation:** Collaborated on benchmarking cloud services vs. local machines using Genesis, a Python-based physics simulator; recorded and analyzed system utilization to identify performance bottlenecks.
- **VR Pier Project:** Designed an informational VR experience following the agile methodology using Unity to educate users with the goal of aquatic life preservation
- **Workout Tracking App:** Developed a web application using React, CSS, JavaScript, and HTML to track user workouts, allowing users to log exercises, set goals, and monitor progress
- **Potion Shop Game:** Built a REST API in python and integrated PostgreSQL database to manage inventory and player progress.

EDUCATION

California Polytechnic State University, San Luis Obispo (Cal Poly)

Bachelor of Science Degree in Computer Science

GPA: 3.52 | September 2023 - July 2025

College of the Canyons, Santa Clarita

Computer Science Associate of Science for Transfer

GPA: 3.61 | September 2021 - July 2023

Relevant Coursework -

Systems & Architecture: Operating Systems, Computer Architecture/Assembly Language

Algorithms & Programming: Data Structures & Algorithms, Object-Oriented Programming & Design, Software Engineering, Database Management

WORK EXPERIENCE

Code Coach – theCoderSchool, Walnut Creek, CA

2025 - Present

- Teach coding fundamentals to students using languages such as Python, Java, and environments such as Unity and Scratch.
- Mentor young learners through interactive, project-based lessons that build problem-solving and computational thinking skills.
- Foster creativity and confidence by adapting instruction to each student's learning style and experience level

Managing Lifeguard - City of Santa Clarita, CA

2020 - 2024

- Led and supervised a team of 10+ guards, effectively managing complex situations and ensuring patron satisfaction, as well as continuing in previous Lifeguard duties.
- I received Red Cross Certification for lifeguard training, enabling me to educate and prepare individuals for lifeguard roles.