

Marco Portillo

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EDUCATION

B.S. Computer Science

Arizona State University, Tempe, AZ

Expected Graduation: December 2026

A.S. Computer Science

Phoenix College, Phoenix, AZ: Honors: Dean's List, Phoenix College Honors Program

Graduated December 2024

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Databases, Intro to Software Engineering,

Object-Oriented Programming, Computer Org/Assembly Language Programming, Applied Linear Algebra

TECHNICAL SKILLS

Programming Languages: Java, C#, Python, JavaScript, C/C++, Bash

Front-End: HTML, CSS, React.js, Tailwind CSS

Tools, Databases, and OS: Node.js, PostgreSQL, Firebase, Bun, Git, GitHub, Windows, Linux/Unix

PROFESSIONAL EXPERIENCE

DataAnnotation, Remote: Software Developer - AI Trainer

Feb 2024 – Present

- Assessed and optimized the performance and accuracy of AI-generated code to improve reasoning and output quality.
- Developed and provided various coding challenges in **Python**, **HTML**, **C++**, and **SQL** to enhance AI Model capabilities.

Phoenix College/WAESO, Phoenix, AZ: Undergraduate Research Assistant

Sep 2023 – Jul 2024

- Data Analysis** of the USL soccer league to predict matches using the Poisson Distribution for the expected goals estimate.
- Obtained data from the USL league to ensure accuracy and completeness for errorless data; parsed through and calculated the needed equations using a custom **Python** script for over **450 matches**.

American Express, Phoenix, AZ: Junior Programming Intern

Jan 2022 – Jul 2022

- Worked with an **Active Directory** and **Junit** for running specified code obtained from a **Linux server** through **SSH**.
- Familiarized with **Splunk** and **Kibana** to monitor and report suspicious activities in customer accounts. Maintaining the organization of data relating to customer information.
- Obtained high-level knowledge of **financial cryptographic systems** and worked to resolve open incidents regarding such systems.

PROJECTS

PolyView, Hackathon

Fall 2025

- Developed a full-stack Polymarket analytics chatbot using **MCP + Claude AI**, enabling natural-language queries over markets, charts, news, and recent trades.
- Built backend enrichment and trade-analysis pipelines with **NewsAPI**, semantic search, and filtering of the **10 most recent trades per market**.

Role-based Q&A Platform, Class Project

Spring 2025

- Led a team to develop role-based access for various user groups, enabling flexible content creation, moderation, and user-management workflows with **JavaFX UI**.
- Integrated **Java** backend with **H2 database** connectivity for persistent question, answer, and user **data management**.
- Implemented and tested core features with **JUnit**.

PHX Flight Data Scraper and Tracker, Personal Project

Winter 2024

- Developed a **Python/Flask web application** that scrapes with **Selenium** and displays real-time flight data from Phoenix Sky Harbor International Airport.
- Manual flight checks were **reduced by 90%** through providing a central, continuously updated dashboard, improving customer service speed, and operational efficiency. **Actively used** at the Tammie Coe airport kiosk.

WORK EXPERIENCE

Tammie Coe Cakes, Phoenix, AZ: Shift Lead

Aug 2022 – Present

- Trainer and trusted lead for important opening and closing shifts.

ACTIVITIES

Software Developers Association, Tempe, AZ

Aug 2025 – present

- Attended weekly meetings to gain experience in Computer Science and Software Engineering topics