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Education

Bachelor of Science in Computer Science   May 2026
Arizona State University   Tempe, Arizona
Cumulative GPA   3.9

Experience

Server, Smack Pie August 2021 – May 2022 Lodi, CA

▪ My responsibilities included operating an industrial sized mixing machine, operating a wood fire stove oven, and package pizza.
▪ Communicate effectively with coworkers to effectively and efficiently produce orders in a timely manner to the customers.

Coding Projects

Fine Motor Skills [JavaScript, Google AI][2022]
▪ Designed and implemented a fine motor skills game with JavaScript that challenges children to identify shapes while writing neatly
▪ Used Google's Teachable AI machine learning library to create a custom model that analyzes the players camera and allows them to interact with the game.

LiveSync [Kotlin, Firebase][2024]
▪ Developed in Android Studio and the app address forgotten roommate reminders
▪ Crafted a modular template to generalize living space to implement features
▪ Demonstrated proficiency in mobile app development, MongoDB, data structures, and problem-solving

Personal Website [HTML, CSS, JavaScript][2023]
▪ Developed a personal portfolio website to showcase my knowledge, skills and projects
▪ Used GitHub hosting and Git features to store and manage the code

EffortLogger [Java, SQL, FXML][2023]
▪ Developed an app that tracks effort of employees and analyzes story points to track the amount of effort processes take for the finished product
▪ Worked in a team of three people to produce a finished product that also included documentation, testing, and debugging

Dijkstra's Algorithm [C++, C][2023]
▪ Implemented Dijkstra's algorithm in C++ and C to solve shortest path problems in weighted graphs.
▪ Utilized data structures such as min heap, stack, and adjacency list to efficiently manage graph data
▪ Successfully found the shortest path between any two valid points in the graph, demonstrating my understanding of optimization of algorithms.

PwnCollege [Python, WireShark][2024]
▪ Used cyber security tools to intercept communication between two servers and obtain packets
▪ Utilized python scripting to automate a man in the middle attack and inject traffic between two hosts