

Tuffy Titan

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EDUCATION

Bachelor of Science, Computer Science
California State University, Fullerton

Expected May 2024

Associates of Science in Computer Science and Interdisciplinary Studies
Fullerton College

2022

RELATED COURSES

Data Structures in C++

Java Programming

Data Science and Big Data

Files Structures and Databases

Machine Learning

Computer Systems Architecture

Web Front-End Engineering

Web Back-End Engineering

TECHNICAL SKILLS

- **Languages:** Python, C, C++, C#, Java, SQL, PHP, HTML, CSS, JavaScript, React, Svelte, Deluge
- **Database Management:** R, phpMyAdmin, MySQL Workbench, REST APIs
- **Operating Systems:** Windows, Mac, UNIX, Linux
- **Other:** Git, Github Desktop, Unity, Microsoft Office, Computer Hardware Troubleshooting

RELATED EXPERIENCE

Junior Software Developer

December 2022 – June 2023

TripMatters, Inc.

Irvine, California

- Implemented Front-end and Back-end procedures for client Web Applications
- Collaborated with several team-members using SCRUM and Agile frameworks
- Developed new methods of Front-end procedures and creating responsive webpage stylings
- Accommodated for changes in web-based applications and design well-documented business logic to meet customer's requirements

OTHER EXPERIENCE

Peer Advisor

June 2023 – Present

Project RAISE

Fullerton, California

- Provide guidance and advise 30+ Engineering and Computer Science transfer students
- Increase the retention and graduation rates of Hispanic and low-income STEM students
- Mentor Undergraduate Research community college students from various schools
- Conduct outreach at network schools supporting transfer college students acquiring a bachelor's inside STEM

Teacher Assistant

February 2023 – June 2023

California State University, Fullerton

Fullerton, California

- Facilitated the procedures of grading for an Algorithm Engineering course
- Gave feedback to 100+ students related to in-class assignments and homework
- Assisted computer science students with their courses in a virtual environment

PROJECTS

The Video Game Development Website

Fall 2023

Technologies: Svelte, NodeJS, JavaScript, HTML, Bootstrap, CSS, Firebase

- Webmaster for the Video Game Development Club (VGDC) at California State University, Fullerton for the 2023-2024 school year, task was to revamp the website with Svelte and NodeJS as the primary technologies

Multi-Agent Packman A.I.

Fall 2023

Technologies: Python

- Developed an artificial intelligence program that would avoid multiple ghosts within the map by using A* and minimax search algorithms