

Alann Tapia

📍 Merced, United States | ✉ [Email](#) | 💻 [Github](#) | [Github#2](#) | [Devpost](#) | [LinkedIn](#) | [Handshake](#) | [Website](#)

EDUCATION

ALL COURSES - [LINK](#)

B.S. Computer Science and Engineering - [Certification Link](#)

University of California, Merced

January 2019 - December 2022

Courses: Physics I & II | Calc I, II | Vector Calculus | Probability and Statistics | Lin Alg & Diff Eqs | Discrete Mathematics | Database Systems | Distributed Systems Data Structure | Computer Architecture | Spatial Analysis and Modeling | Algorithm Design and Analysis | Computer Organization | Digital Image Processing | CSE 120 Software Engineering | Human to Computer Interactions | Intro to O.O.P | Introduction to Artificial Intelligence |

EXPERIENCE

Gemperle Family Farms - [Tree Detection Recognition Web Application](#)

January 2022 - May 2022

Technologies: Flask, Python, HTML, CSS, JS, AWS Rekognition, Computer Vision, Machine Learning, Automation

Objective: Integrate a program which will automate the counting process done by workers and will be able to display and save data that is processed by application.

- Trained AWS custom label model with 99% tree detection accuracy
- Wrote Python scripts for the back-end, enabling the use of the trained model on any computer with AWS credentials
- Employed the Flask framework to integrate with front-end components (HTML, CSS, JS)
- Improved software quality by designing and executing test strategies (Internal, Unit, Application, and Stress Tests)

Home Appliance & Furniture Sales Associate, Farmers Market (Part-time)

January 2014 - Present

Assisted customers in selecting and purchasing furniture, ensuring a positive shopping experience

- Worked closely with team to streamline inventory management and enhance sales results
- Displayed strong communication skills to meet customer needs
- Applied problem-solving abilities to handle customer inquiries, complaints, and returns professionally and efficiently
- Managed and processed money transactions, ensuring adherence to business policies

SKILLS

Languages: C/C++, Java, JavaScript, HTML, CSS, Python, MATLAB, Flask, XML, SQL, SQLite3, React.js, Node.js

Technologies: Git, Github, Docker, AWS, Linux, Windows, Android Studio, FIGMA, Visual Studio, Arduino, Netlify

RELEVANT PROJECTS

ALL PROJECTS - [LINK](#)

["Stud Bud" Hackathon Web Application](#)

March 2022 - March 2022

Technologies: HTML, CSS, JavaScript, Google Maps API

- Translated team's graphic web designs into functional HTML, CSS, JS code within a 48 hour timeframe.
- Integrated Google Maps API with JavaScript
- Team placed 2nd in Education out of 250 global participants

[Android Development Tree Database Application](#)

August 2022 - December 2022

Technologies: Android Studio, Java, XML, App Development, Figma, SQLite3

Developed an Android application for user registration and large-scale tree data entry

- Developed Android Application using java, XML, and SQLite3
- Integrated SQLite3 database with the application, enabling data to be inserted, updated, deleted, and filtered
- Deployed app to a physical phone(S22 Ultra) for application stress-testing

[React Resume Portfolio Website](#)

February 2023 - February 2023

Technologies: HTML, CSS, JavaScript, React JSX, Node.js, Git, Github, Netlify

- Developed a React Application showcasing my resume, projects, experience, and skills, available on all platforms
- Deployed the application and made it accessible at <http://alanntapia.info>

AWARDS & ACADEMIC HONORS - [LINK](#)