Alann Tapia

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

EDUCATION

B.S. Computer Science and Engineering
University of California, Merced (01/2019 – 12/2022)

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 |

PROJECTS

["Stud Bud" Hackathon Web Application](#)   **March 2022**
- HTML, CSS, JavaScript, APIs
• Full-stack developer & Google Maps API javascript integration
• Learned and applied HTML, CSS, & JS within a short time frame - (48 hours)
• Team placed 2nd in Education out of 250 global participants

[Tree Detection Recognition Web Application](#)   **January 2022 - May 2022**
-Flask, Python , HTML, CSS , JS, AWS Rekognition, Computer Vision, Machine Learning
With a team of 5. We built an app that detects, counts, and displays the location of each tree detected in a video, and displays useful information to the user as a table/map.

• Responsible for training the AWS custom label model resulting in 99% tree detection accuracy
• Wrote python scripts for back-end, and for using the trained model on any computer with AWS credentials.
• Used python and flask framework to combine with front-end (HTML, CSS, JS)
• Improved software by designing and performing test strategies. (Internal, Unit, Application, and Stress Tests)

[Android Development Tree Database Application](#)   **August 2022 - December 2022**
 - Android Studio, Java, XML, App Development, FIGMA, Sqlite3
Built an android application that would take in new users, and allow users to fill large data entries about trees.

• Developed Android Application using java, XML, and SQlite3
• Integrated database to android application allowing all data to be inserted, updated, deleted, and filtered in SQlite3.
• Completed and deployed android application to physical phone for application stress-testing

[React Resume Portfolio Website](#)
- HTML, CSS, Javascript, React JSX, Git, Github, Netlify
•Built a React Application about my resume, projects, experience, skills, etc. Was made and created for Desktop, Tablet, and Mobile | Deployed and now is available for anyone to access: [alanntapia.info](#)

SKILLS

Programming Languages: C/C++, Java, JavaScript, HTML, CSS, Python, MATLAB, Flask, XML, SQL, Sqlite3, React.js

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

AWARDS

UCM Dean's Honor List	**08/2020 && 10/2021**
UCM Chancellor's Honor List	**01/2021**
UCM Academic Excellence	**10/2021**
HackMerced VII Contestant 2nd Place Winner	**03/2022**