

Oscar Villa

Software Engineering Student

Github:// OscarVilla

LinkedIn:// OscarVilla

Phone.: 760-250-6014

Email.: ovilla1023@gmail.com

Education

EXPECTED GRADUATION - FALL, 2022

California State University, San Marcos

Bachelor of Science

Software Engineering

Skills

OPERATING SYSTEMS

Unix, Linux, Windows, MacOS

LANGUAGES

C++, Python, Java, JavaScript, Markup
Language

FRAMEWORKS

React, React Native, Vue, Bootstrap
JUnit

TOOLS

Git, Yarn, Trello, Oracle,
IntelliJ, Visual Studio,
Atom, Github

Coursework

Data Structures and Algorithms

Programming Languages

Assembly Language

Software Testing

Design Patterns

Database Management Systems

Student Organizations

Institute of Electric and Electronic
Engineers Student Branch

Secretary

Google Developer Student Clubs

Member

Projects and Experience

Fab Fridays -Participant

2020

- Used **React-Native, JavaScript, Expo, and Typescript** to create a mobile apartment tour application lead by the LeaseMagnets team.

Pokemon Booster Pack Opener

2021

- Utilized Vue.js framework and Pokemon Tcg Api to create a JavaScript Application that simulates opening a pack from the chosen pokemon set.

Bank Simulator

2020

- Utilized linked lists to simulate a bank throughout the day and output the number of customers served and the total wait time (in seconds) in C++.

Student Record Book

2020

- Created a C++ program which used the DJBX33A hash algorithm to create a student record book. The user could add a student's ID, name, age, and GPA into the record.
- The user could also search for a student's information with their ID.

IEEE@CSUSM Mock Interview Event-Coordinator

2020

- Coordinated and Hosted a Mock Interview event for students where they interviewed with industry professionals.
- Companies who volunteered were: Qualcomm, ServiceNow, General Atomics, Fluidra, Northrop Grumman etc.

Achievements/Awards

CSUSM S-STEM Scholars -Scholarship

2019

- Ten-thousand dollar scholarship recipient based on academic success.

Google Computer Science Summer Institute Ext. - Certificate

2018

- Participated in a three week long program learning web development at CSUSM.
- Connected with and learned from Google Engineers.
- Learned HTML, CSS, Javascript and Python to utilize in web development.

Additional Experience

2018-2020 CSUSM Campus Outreach

Outreach Ambassador

Provided tours and informational sessions to prospective students and families, used Excel and OneDrive to organize tours, participated in recruitment events and assisted the help desk.