

RELEVANT COURSE WORK

Data Structures & Algorithms - Software Testing & Verification - Concurrent Programming & Parallel Systems
Object Oriented Programming - Software Engineering - Operating Systems - Embedded Systems - Compilers

EDUCATION

UC, Riverside June 2021
BS, Computer Science GPA 3.90

WORK EXPERIENCE

UC, Riverside 2019 - 2020
Grader

- Work collaboratively in a team of 3 graders to grade assignments, exams, and quizzes for a Discrete Structures class of 139 students.

Los Angeles Valley College 2017 - 2018
Math Tutor

- Designed and taught weekly workshops that reinforced mathematical concepts.
- Developed weekly reports to keep other tutors and coordinators up to date on the students' progress.
- Communicated mathematical concepts during daily one-on-one tutoring sessions.

American Kitchen 2013 - 2018
Website Manager / Customer Service Rep

- Designed and maintained business website.
- Integrated google analytics to better understand potential client behavior and their demographics.

MexiCrate 2016 - 2017
Owner / Web Designer

- Founded, developed, and negotiated sale of a Mexican candy subscription box company over the span of a year.
- Designed and maintained business website.
- Expanded subscriber base from 0 to 220 monthly subscribers within 3 months.

Arco AM/PM 2011 - 2014
Team Lead / Manager-in-Training

- Lead a team of 3 associates.
- Collaborated with team members to achieve daily goals and meet deadlines.

VOLUNTEER

Web Developer @ Citrus Hack 2019 - 2020
Facilitator @ STEP Educator Conference 2019

SKILLS

Most Knowledgeable

C, C++, JavaScript, HTML5, CSS3, React, Sass

Familiar With

Python, MVC, JSON, Bash, JQuery, Java, NodeJS, Redux, Agile, Git, MongoDB, GoogleTest, AdobeXD

FEATURED PROJECTS

Portfolio [Code](#)

JavaScript(ES6), CSS3, Sass, HTML5, Materialize

- Designed and developed a responsive and interactive portfolio using a mobile-first approach.
- Translated UI wireframes into responsive features using JavaScript, HTML5 and CSS3.
- Used JavaScript classes to implement a OOP design.
- Built functionality using the Module Design Pattern.
- Implemented various algorithm visualizations.
- Ran a multiple tests on all major web-browsers (desktop & cellphone) to ensure proper functionality.

Bash Shell Clone [Code](#)

C, C++, GoogleTest

- Used the Composite and Decorator design patterns to develop a bash shell clone which handles all bash commands along with input and output redirection.
- Implemented inter-process communication to communicate with child processes.
- Developed a wide variety of unit, integration, and regression tests to increase test coverage.

Octopush Chrome Extension [Code](#)

JavaScript, HTML5, CSS3, Bootstrap, Chrome APIs

- Developed a cross-platform productivity chrome extension that enables you to create a list of frequently used websites and open them on independent tabs simultaneously.

PROFESSIONAL DEVELOPMENT

Affiliations - ACM, ACM-W, SHPE

Hackathons - Citrus Hack, Cal Hacks 6.0, HackSC '20

Certificates - React.js Front to Back (Udemy)