

RELEVANT COURSE WORK

Data Structures & Algorithms - Software Construction - Java Programming - Logic Design - Embedded Systems
Object Oriented Programming in C++ - Introduction to Software Engineering - Technical Communications

EDUCATION

UC, Riverside June 2021
BS, Computer Science GPA 3.83

WORK EXPERIENCE

American Kitchen 2011 - 2018
Appliance Installer/Customer Service Rep

- Designed and maintained business website.
- Developed time and gas efficient schedules for the delivery drivers.
- Worked cooperatively with team members to accomplish a wide variety of tasks.
- Maintained a friendly and positive attitude regardless of customer behavior.

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.

MexiCrate 2016 - 2017
Owner

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

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

- Trained new-hires.
- Lead a team of 3 associates.
- Collaborated with team members to achieve daily goals and meet deadlines.
- Controlled inventory and reordered supplies.
- Ensured that my team followed all of the standards and protocols set in place by management.

SKILLS

Most Knowledgeable

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

Familiar With

Python, JSON, Bash, JQuery, Java, Git, NodeJS, Redux, GraphQL, MongoDB, GoogleTest

FEATURED PROJECTS

Bash Shell Clone [🔗](#)

C, C++, GTest

- 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.
- Ran a wide variety of unit and integration tests to verify proper functionality.

Weather App [🔗](#)

Express, JavaScript, Bootstrap, HTML5, CSS3

- Developed a responsive, full-stack weather app which uses the Dark Sky API to retrieve local weather information for the user.
- Created an API to make a filtered version of the weather data available to the client.
- Designed a functional UI to display the current, hourly, and daily weather information.

Octopush Chrome Extension [🔗](#)

JavaScript, HTML5, CSS3, Bootstrap, Chrome APIs

- Developed a cross-platform productivity chrome extension app that enables you to create a list of frequently used websites and open them simultaneously with the push of a button.

Tetris Game [🔗](#)

C

- Designed a Tetris style game on an Atmega1284 microcontroller.
- Implemented a collision detection algorithm.
- Utilized the microcontroller's EEPROM to save the player's high score.