

## EDUCATION

UC, Riverside Will Graduate 2021  
BS, Computer Science GPA 3.87

## WORK EXPERIENCE

American Kitchen 2011 - 2018  
Appliance Installer/Customer Service Rep

- Managed business website.
- Created time and gas efficient schedules for the delivery drivers.
- Cultivated long lasting relationships with appliance store managers.
- 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.
- Compiled weekly reports to keep other tutors up to date on the students' progress.
- Held multiple one-on-one tutoring sessions with students on a daily basis.

MexiCrate 2016 - 2017  
Founder

- Founded, developed, and negotiated sale of a Mexican candy subscription box company over the span of a year.
- Implemented effective social media marketing tactics to acquire hundreds of customers.
- 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.
- Handled over \$7,000 on a daily basis.
- Worked together with my team to achieve daily goals and meet deadlines.
- Controlled inventory and reordered supplies when need be.
- Ensured that associates 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, Java, GraphQL, NodeJS, Redux, MongoDB, Git

## FEATURED PROJECTS

### Bash Shell Clone

C, C++, GTest

- Used the Composite and Decorator design patterns to develop a bash shell clone which can handle all bash commands along with input and output redirection.
- Ran a wide variety of unit and integration tests to verify proper functionality.

### Weather App

Express, JavaScript, Bootstrap, HTML, CSS

- Developed a responsive, full-stack weather app which retrieves weather information from Dark Sky's weather API using the geolocation of the user.
- Filtered weather data and created an API to make the data available to the client.
- Designed a functional UI to display the current, hourly, and daily weather information.

### Maze Game

C++

- Created a command line game which generates random mazes of sizes defined by the user.
- Represented the mazes using a graph data structure and the solution is found by a depth first traversal of the graph.

### Tetris Game

C

- Designed, proposed, and developed a Tetris style game on an Atmega1284 microcontroller.
- Displayed the game on an 8 by 32 LED matrix.
- Utilized the microcontroller's EEPROM to save the game's high score.