

Juan Martinez

Software Developer

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 [Johnny Martinez](#)

 [GitHub/JM](#)

Software Developer, United States Marine Corps Veteran, and Traffic Signals Technician with a technical mindset, natural problem solver, and team player, and experience in special operations, maintaining systems, and motivating others. As a Software Developer I'm always looking forward to the next coding challenge and what I can learn from it. My goal as a Software Developer is to never stop learning, share my knowledge and experiences with others, and use my technological skill set to solve everyday problems, whether they be complex or simple.

Technical Skills

HTML - CSS - Bootstrap - JavaScript - jQuery - Java SE - Spring Boot - MySQL - Object-Oriented Programming - Test-Driven Development - Version Control with Git - Paired Programming

Development Projects

[On The House Web App \(Capstone\)](#)

As part of a team of five we created a full-stack web application with a main goal of reducing food waste within local neighborhoods. The app is intended to connect people within a short distance to others who have unexpired and unused foods and are willing to part with them for free. Users have the ability to create and manage posts, define a geo-fenced perimeter with a 5 mile maximum radius to determine how far their post will reach, and the ability to communicate with other users via chat. Our front end consists of HTML, CSS, JavaScript, and JQuery. Our backend includes MySql, Java, Spring Boot, and Spring Security.

[Contacts Manager Project](#)

As part of a paired programming team my partner and I created a Java application that holds contact information such as name, phone number, and email. Within the app users are presented with a selection menu that gives them the option to view all, create, add, edit, and delete a contact. We developed our app using the Java OOP language. Incorporated multiple Java classes and used hash mapping for programming organization and implementation. My partner and I split up the project and I worked on the user selection menu, which I accomplished using a switch case. I also worked on the view all and search functionalities of the app.

[Movie App Project](#)

As part of a paired programming team, my partner and I created a movie app. By using API fetching we gave users the functionality to search for any titles on The Movie Database "TMDB" as well as manipulate our own database by providing the user the ability to add, edit, and delete any listed titles. We accomplished this by developing our app with HTML, CSS, Javascript, and JQuery. I enjoyed the process of finding bugs in our code by reading documentation and researching code.

[Coffee Project](#)

As part of a paired programming team my partner and I created a website with a mobile first approach in which users can search through a predetermined list of coffees by name or roast type. Users also have the ability to add a coffee of their own. We developed our app using HTML, CSS, Javascript, JQuery. My partner and I worked together on the functionality of the website and I took on the styling and appearance. I enjoyed the partner collaboration this project offered to get the functionality up and running.

Military Experience

United States Marine Corps - Camp Pendleton, CA

Corporal/E-4 Non-Commissioned officer for 1st Marine Raider Battalion / Jun 2006 - Jan 2010

- Completed over 80 combat missions in Operation Enduring Freedom in Afghanistan as part of a Special Operations unit.
- Trained in: Urban Combat Warfare, Combat Engineering, Engineering Mechanic, Small Craft/Boat Mechanic, Survival Training, Weapons Training, Self Defense.
- Responsible for categorizing, maintaining, and inventorying engineering equipment. Which directly affected the status of our daily operational and combat readiness.

Professional Experience

City of Ventura - Ventura, CA

Traffic Signals Technician / May 2018 - Sept 2021

- Ensure the operation and maintenance of 136 signalized intersections, street lighting, parking lot lighting, solar and battery-operated lighting, and RRFB pedestrian crosswalk systems throughout Ventura.
- Self-taught ArcGIS mapping software in order to collect data on the city's traffic signal system. Data was vital to the city's \$6.5 million traffic signals upgrade project.
- Used ArcGIS to create a database of all city-owned street lights so that GPS coordinates, fixture type, lighting type (LED/HPS), last maintenance cycle, voltage, photographic documentation, and vandalism history are searchable by any user.

City of Ventura - Ventura,, CA

Facilities Maintenance Worker II / Nov 2015 - May 2018

- As part of a team I made valuable contributions to the maintenance and operation of over 70 city buildings.
- Promoted within one year to be in charge of security systems for the Police Department, Fire Stations, Water Treatment Facilities, City Hall, and the city's Maintenance Yard.
- Used a Web based work order system to assign, create, process, and close worker orders requested by department heads. This system is also used to maintain detailed records of work done at our locations. (Web TMA Systems)
- Using Identiv/Hirsch hardware and software, I was responsible for the operation, programming, maintenance, and repair of the automated security systems within 10 critical city buildings.

Education

Codeup

Certification of Completion

Jan 2022 - Jul 2022

A fully-immersive, project-based, and intensive 20-week Full-Stack Java Career Accelerator that provides students with 670 hours of expert instruction in software development.

Awards and Recognition

- United States Marine Corps Letter of Appreciation.
- City of Ventura Outstanding Service Award Nominee.
- City of Ventura 5 Year Service Award.
- City of Ventura Police Department Community Academy Completion Award.