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| Robert Martinez | | | | | | | | | | (626) 384-7896 | |
| rmartinez213@yahoo.com | |
| Azusa, CA 91702 | |
| https://robertmartinez.now.sh/ | |
| Self-motivated and detail-oriented computer scientist with two years of experience creating large scale web applications in both front-end and backend development. Skilled with demonstrated proficiency in Java, JavaScript, Nodejs, HTML, Git and CSS. Experience working in a team environment on both large and small-scale projects. Seeking an opportunity in an entry-level position to apply work expectations and my skills in a collaborative environment. | | | | | | | | | | | |
| **Relevant Skills** | | | | | | | | | | | |
| GitHub/Git | Front End Development | | | | Back-End Development | | | | | | Java |
| Unity | Reactjs | | | | Nodejs | | | | | | JavaScript |
| Bootstrap | HTML/CSS | | | | Nextjs | | | | | | Web Application Preparation |
| MySQL | Data Visualization | | | | Expressjs | | | | | | Object Oriented Programming |
| **Education** | | | | | | | | | | | |
| California State University, Los Angeles  **Computer Science, B.S.** | | | | | | Graduated May 2019 | | | | | |
| *Senior Project*: Bad Area Detector System | | | | | | Aug. 2018 – May 2019 | | | | | |
| Scope: The goal was to increase public safety by alerting the general public of where dangerous police dispatch calls are being made. The web application processes the dispatch calls in real time to run various data analytics and display the results on user friendly UI so that they may avoid the area(s).  - Designed the front end of the web application with react and maintained a consistent front-end theme.  - Implemented Carbon UI components that featured simulated data visualizers.  - Added input controls such as sliders, drop down lists, and buttons to dynamically change simulation.  - Set up informational components to inform users of application interactions and data representations.  - Implemented backend functionality, such as syncing incoming data with dynamic bar graphs and gauges.  - Rigorously tested multiple screen sizes for different devices to create responsive designs. | | | | | | | | | | | |
| **Professional Experience** | | | | | | | | | | | |
| Cal State LA ITS  **Assistant Lab Consultant** | | | Los Angeles, CA | | | | | Aug. 2017 - Active | | | |
| Scope: Oversaw multiple Open Access Labs, while providing technical and customer service support to both students and faculty.  - Maintained program and software applications, diagnosed software, hardware and network issues.  - Assisted patrons with software and hardware difficulties, managed various logs and reservations. | | | | | | | | | | | |
| Department of Homeland Security  **DHS Volunteer Initiative** | | | | Laguna Niguel, CA | | | | | Aug. 2018 – Sept. 2018 | | |
| Scope: Learned about the cyber security infrastructures from understanding the NIST SP800 cyber policies to the protection of digital files with RAID 0.  - Shadowed contractors who provided insight to using PowerShell in a large work environment.  - Learned the importance of government IT infrastructure and how redundancy is key to preserving big data. | | | | | | | | | | | |
| Los Angeles City Hall  **Co-Op Internship** | | Los Angeles, CA | | | | | Jan. 2017 – May. 2017 | | | | |
| Scope: Worked closely with Sr. System Analyst who provided new programming tasks bi-weekly.  - Evaluated and fixed code from previous contractors as well as optimizing runtime performance.  - Updated existing Apache servers under the Microsoft Windows Server 2012 environment while documenting all the compatible software. | | | | | | | | | | | | |