ALEJANDRO
MARTINEZ^2

Bachelor of Science: Computer Science
California State University, Northridge
Expected: Summer 2019

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Full Stack Web Developer with four years of experience developing web applications seeking a full time position post-graduation.
Passionate leader with over five years experience managing teams and organizations, as well as holding the ability to communicate with key corporate executives.

EXPERIENCE:

Tesla – Software Engineer Intern – Energy Products Engineering

May - August 2018   Palo Alto / CA

_ Built scripts to optimize the deployment of multiple applications through a universal pipeline, increasing ease of new project development and deployment utilizing Docker containers and Jenkins.

_ Improved service tool utilized by entire engineering support team, maximizing ease of use of common tools to predict and solve energy and vehicle product issues, written in Python and React.

_ Participated in the development of internal systems using object-oriented design and agile processes, scoping work for future team projects.

_ Assisted in Model 3 general assembly in both mechanical and managerial duties, optimizing the production rate of Model 3s during push to produce 5,000 vehicles per week.

META+LAB – Back-end Web Developer / Scrum Master

September 2015 – May 2018   Northridge / CA

_ Led team scrum ceremonies and communicated with a project manager and product owner ensuring a deliverable sprint scope and expected product release.

_ Developed four applications using a PHP Framework to handle user authentication, storage of faculty class data and project details, and delivery of dynamic data to front-end developers.

_ Created database schemas using MYSQL in order to organize data from multiple applications and built model logic using Object-relational mapping.

_ Integrated 3rd party services including IBM Watson, and full-text search engines to make usage of natural language understanding to better organize user inputted data and improve search speed and accuracy.

_ Developed and updated documentation to strengthen quality and functionality of public-facing APIs.

Macy's Technology – Software Engineer Intern – Cart Abandonment Optimization

May - August 2017   San Francisco / CA

_ Implemented lean methodology experiments to improve visuals and functionality of the check-out shopping experience in order to minimize cart abandonment

_ Contributed functional code to projects using Java Spring, Node.js, and Backbone.js.

_ Interacted with VPs, directors, and technology managers consulting on our intern summer project, helping iterate our application.

_ Led a team of 4 software engineering interns to create a proposed software architecture and deliver a functional minimum viable product web API and mobile iOS application.

LEADERSHIP:

Society of Hispanic Professional Engineers

Vice Regional Student Representative - (June 2018 - Present) | President - *Certified Chapter Leader* - (June 2017–2018)
Internal Vice President (June 2016 – 2017) | Director of Communications (June 2015 – 2016)

                                                                                                          CSU Northridge / CA

_ Delegated key responsibilities to 10 board members, while ensuring constant communication, implementing a modified form of agile methodology, increasing event creativity and engagement and successfully hosted the Regional Student Leadership Conference.

_ Advocated for minority & female involvement in STEM by helping organize yearly events in which 200 middle school girls discover engineering and computer science.

_ Unified engineering and computer science clubs by forming the Interclub Engineering Council, jointly encouraging STEM education and extracurricular student involvement across campus.

SKILLS:

PHP, Python, Java, Laravel (PHP Bootstrap Framework), Spring, GIT, Jenkins, Docker, MYSQL, Postgres, HTML, SASS/CSS, JavaScript, JQuery, Jira, React, Spring, Vue.JS, Node.js, Backbone.js, Socket.IO Agile, Scrum, Lean