Gabriel Martinez

Computer Science Major · Physics Minor

Software Engineer

Education

Apr. 2018 – present	**M.S. Applied Mathematics**, *California State Polytechnic University, Pomona*.
Jun. 2011 – Jun.2016	**B.S. Computer Science (ABET Accredited)**, *California State Polytechnic University, Pomona*.
Jun. 2011 – Jun. 2016	**Physics Minor**, *California State Polytechnic University, Pomona*.

Experience

Apr. 2019 – present — **IT Web Applications Student Assistant**, *Cal Poly Pomona*, Pomona, CA.
- Full stack Javascript web developer part of the Cal Poly Pomona's IT Campus Web Applications department.
- Responsible for quality assurance, developing Vue.js and AngularJS web components, and creating web content for Cal Poly Pomona's web site using Cascade CMS.
- Helped design and develop the Cal Poly University's campus shuttle web application.
- Frontend frameworks includes AngularJS, React.js, and Vue.js.
- Backend technology stack includes ServiceNow cloud computing services, JavaScript ECMAScript 5 for server side scripting, and Syncromatics RTPI API for retrieving real-time passenger information (RTPI) such as vehicle locations and arrival times.
- Knowledge and use of Git.
- Team orientated.
- Successfully delivers assignments on time.

Sept. 2015 – Jan. 2016 — **IT and Software Developer Intern**, *Xerox Copy Solutions, Inc.*, Monterey Park, CA.
- Collaborated, installed, troubleshooted, and maintained network up-time for the sales department.
- Contributed in iOS mobile development.
- Skills learned : team collaboration, organization, time management, agile development, best software engineering practices and Swift/Objective-C programming languages.

Software Development, Personal Projects, and Skill Set

Android TicTacToe Mobile Development.
`https://gmar1274.github.io#android-tictactoe-mobile-development-view`
- Project Goal was to become familiar with native Android animation libraries and to demonstrate proficiency in Android native mobile development.

Android & iOS Mobile Development.
`https://gmar1274.github.io#android--ios-mobile-development-view`
- Project Goal was to recreate an app similar to Supercut's real-time reservation system.

C# Windows Presentation Foundation (WPF) Development.
`https://gmar1274.github.io#c-windows-presentation-foundation-wpf-development-view`
- Project goal was to create a WPF administrative inventory management dashboard application for the independent trucking industry.

Python Modeling - Senior Class Project.
`https://gmar1274.github.io#python-modeling---senior-class-project-view`
- Went above and beyond class requirements. Goal was to recreate research publication that models botanical life using the Lindenmayer System.

Raspberry Pi - OpenVPN Server.
`https://gmar1274.github.io#raspberry-pi---openvpn-server`
- Project goal was to host my own secure virtual private network (VPN) server