Cristian Garcia

(323) 545 - 7493 http://garciacristian.com cristiang4@cpp.edu

Objective

Computer Science student seeking a software engineering opportunity in full-stack, android or embedded systems development.

Education

Bachelor of Science, Computer Science Expected Graduation: **Dec. 2017**

California State Polytechnic University, Pomona

Work Experience

Technical Intern, *Northrop Grumman Corporation* | Redondo Beach, CA Jan 2017 – Present

- Utilized the Python API to develop scripts that streamlined Cisco Nexus 5000 configuration by 50%
- Worked jointly with network engineers to kick start development of an in-house cloud-based solution for the company's enterprise data center

Full Stack Web Development Intern, *SWCH LLC* | Chino, CA Oct 2016 –Jan 2017

- Optimized object rendering by Meteor converting codebase from BlazeJS to ReactJS.
- Participated in the agile software development process using techniques such as SCRUM and FDD.
- Enhanced modules of the ecommerce platform to achieve a more dynamic experience using frameworks such as AngularJs.
- Completed various projects using MEAN (MongoDB, Express, Angular, NodeJs) and Django to compare and contrast respective frameworks.
- Implemented and deployed a crude but functional cart/checkout platform in Django which utilized the Stripe payment API.

Projects

Northrop Grumman Collaboration Project | Pomona, CA Sept 2015 – Nov 2016

- Developed autopilot programs in C++ for a UAV that were implemented in both simulations and flight tests.
- Collaborated closely with Aerospace majors to develop diagrams, schema and flowcharts which assisted in creating optimal physics-abiding code.
- Worked with Avionics and Systems Engineers to effectively implement programs into the Arduino ArduPilot.

Equipo Kerapu | Pomona, CA Sep 2016 – Dec 2016

- Jointly developed a Django web app that professors could use to randomly group students based on algorithm that sorted classrooms based on experience, knowledge and other factors.
- Development was in Virtualenv with Git for version control and deployment to AWS ec2 via Elastic Beanstalk.

Technical Skills

- **Languages**: Java, Python, Ruby, HTML/5, CSS/3, Javascript(ES6)
- **Full-Stack**: Django, Ruby on Rails, Meteor
- **Frameworks**: ReactJS, BlazeJS, ExpressJS, Bootstrap
- **Networks**: TCP/IP, OSI Model, DHCP, Spanning Trees, Network Intrusion