Miguel Angel Berumen, Jr.

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Education

University of California, Santa Cruz   Santa Cruz, CA   10/2014-Present
- Cumulative GPA: 3.46
- B.A. in Computer Science, Minor in Technology and Information Management, Expected June 2018
- *Relevant Coursework:* Database Systems (Intro); Distributed Systems; Intro to Computer Networks; Algorithms and Abstract Data Types; Data Programming for Visualization; Intro to Data Structures; Intro to Programming (Accelerated)

Programming Skills

- Advanced in Java, Python, JavaScript, HTML5 & CSS3
- Proficient in Flask, SQL, PostgreSQL, Ruby, Git, GitHub, D3.js, Command Line, TCP/IP, Linux
- Basic knowledge of MySQL, C, Heroku, Bootstrap, C++, PHP, jQuery

Coding Projects

Comparing the Hottest Peppers   Santa Cruz, CA   04/16-06/16
- Utilized D3.js, JavaScript, HTML and CSS to develop an interactive visualization that compares dozens of the hottest peppers in the world
- Visualization incorporates a force-layout, zooming and panning, sliders, tabs, tooltips, and data binding
- Formatted, binded and drew with data using the CSV format
- Collaborated with two other students on this project
- Presented our final project to the class during finals week and received an A+ for the project and course

Work Experience

Residential Network (ResNet)   Santa Cruz, CA   09/2015-Present
Student Technical Support Specialist
- Utilize ServiceNow to document device repairs, communicate with clients and other departments on DMCA and malware incidents and other network issues
- Reinstall OSs, and reformat and repair computers (desktop and laptop), which includes removing viruses, malware, and spyware; repaired 150+ computers
- Configured 400+ routers for campus network compliance
- Network troubleshooting and software installation – in-office, in-house, and over the phone
- Identified and tested new process to configure difficult routers which decreased time spent configuring and increased amount of returned (configurable) routers. New process rolled out to all ResNet staff
- Trained new staff during Fall 2016 quarter

Cisco Systems, Inc.   San Jose, CA   06/2016-09/2016
Network Engineer Intern - Global Service Logistics and Operations (Services)
- Developed a web page in HTML, CSS, JavaScript, jQuery and Bootstrap for TAC engineers to advise them in creating RMA incidents for clients based on a number of factors pertaining to replacement parts
- Wrote a Python script that emulates the VLOOKUP excel function to reduce the amount of time spent transferring data between 200+ excel workbooks from days to minutes
- Edited an existing Python script to extract last RMA (Return Merchandise Authorization) information for used/unused parts from Cisco's parts database, and transfers the information into Excel workbooks for parts RMA obsolescence analysis

Leadership/Activities

- Project Chair/Director at Society of Hispanic Professional Engineers UCSC Chapter   10/2016 - Present
- INROADS Pacific Region (Northern California) Talent Pool Member   01/2016 - Present