

Martin Sanchez, Jr.

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Education:

Brigham Young University, Provo, Utah

Computer Engineering Major with Computer Science Minor

College Junior (currently enrolled) GPA: 3.53

Courses Taken: Advanced Programming (Java), Data Structures (C++), Intro to Programming (Java), Calculus 1-2, Linear Algebra, Physics - Electricity & Magnetism, Newtonian Mechanics, Engineering Leadership, Circuits, Differential Equations, Discrete Structure (C++).

Work Experience:

Novell Inc. – Quality Assurance, Provo, UT

Software Engineering Intern (August '15 – Present)

- Runs test cases for QA teams on virtual product environments.
- Develops automated test cases in Java, for software releases of NetIQ

Lawrence Livermore National Laboratory – National Ignition Facility, Livermore, CA

Computer Scientist Intern (June '15 – August '15)

- Developed a simulator for the Plasma Electrode Pockels Cell (PEPC) hardware located at the national ignition facility.
- Developed new algorithms and upgrades for the PEPC simulator in Java.
- Ported old code from Visual Basic

Brigham Young University – Religious Education – Information Technology, Provo, UT

Web Developer / Computer Support Representative

(January '14 – June '14, September '14 – June '15)

- Maintained and updated two Drupal web sites (religion.byu.edu and rsc.byu.edu). Coding done in PHP, HTML, and CSS.
- Maintained the Linux and Windows web servers.
- Troubleshoot computer hardware and software. Performed upgrades, repairs, and diagnostics for both Mac and PC.

Palo Alto Networks – Information Technology – IT Client Services, Santa Clara, CA

IT Client Services Intern (June '14 – August '14)

- Managed a ticket queue with various user related issues.
- Diagnosed hardware and software related issues both Mac and PC.

Kaiser Permanente – Information Technology, Oakland, CA

Network Engineering Intern (May '11 – December '11)

- Developed excel VBA programs to optimize the creation of network engineering documents. Such programs saved on average 8 hours per week.
- Knowledge of basic networking functions (routers, switches, cables, LAN/WAN etc.)
- Created an enterprise financial cost model analysis document.
 - Special Recognition: Recipient of the “Caught in the Act Award” for outstanding performance, dedication and support to team projects.

Special Skills / Accomplishments:

- Experience in Java, Assembly, Verilog, C, C++, PHP. Most experience in Java, C++
- Comprehension of Linux / Windows Server environments.
- Fluent in all aspects of Portuguese. Knowledge and comprehension of Spanish.
- Proficient in Microsoft Word, PowerPoint, Excel
- Leadership service as an LDS Church Missionary in Recife, Brazil (2011-2013)
- Eagle Scout – with 80+ hour community service project and various leadership roles.