

Devin Delfino

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Education

Wheaton College, Norton, MA – Candidate for Bachelor of Arts (expected May 2015)

Double Major: Computer Science and Mathematics (3.93 overall GPA)

Honors: Phi Beta Kappa of Massachusetts (2015), Balfour Scholar (Wheaton's highest 4-year scholarship), Presidential Award ('13-'14 and '12-'13), May Fellows Scholar, Dean's List (every semester), Italian Award

Technical Skills:

Languages: (Proficient) C++, Python (Exposure) MATLAB, PHP, MIPS Assembly, HTML/CSS, LaTeX, R

Operating Systems: (Proficient) Linux, OS X (Exposure) Windows

Other: (Proficient) Microsoft Office, WordPress, Github, XCode (Exposure) Maple, OpenGL, Salesforce

Work Experience

General Electric Oil & Gas, Billerica, MA

Information Technology Leadership Program Intern, Summer 2014

- Developed communication, project management, and business skills while working as part of the Marketing, Pricing, and Communications Team within a large scale company
- Built expertise in the WordPress platform by building and maintaining blogs for business leaders within the company, and creating a self-serve capability that will simplify this process in the future
- Worked effectively with a variety of business functions in order to document the process for requesting internal equipment and develop a more efficient process for these transactions

Wheaton College Mathematics/Computer Science Department, Norton, MA

Teacher's Assistant (Data Structures), Winter 2014 – Spring 2014

- Assisted students in grasping the concepts of Object Oriented Programming using the C++ language

Neo-Advent Technologies, LLC, Littleton, MA

Software Development Intern, Winter 2013 – Spring 2014

- Acted as the software lead, developing a flexible sensor system using a Lighttpd web server on a Raspberry Pi, connected with various external sensors (e.g. temperature)
- Implemented a dynamic webpage using Python CGI scripts, HTML/CSS, and basic JavaScript that allows the user to manage the sensors and analyze the gathered data

Software Projects

Digital Elevation Model (DEM) Visualization, Wheaton College, Fall 2014

- Implemented a tool that calculates linear and quadratic splines from DEM data and generates a 3-D wireframe model using C++ and OpenGL

medPING Simulator (Pebble Smartwatch), Wheaton College, Fall 2013

- Developed a Pebble Watch app in C that continuously simulates artificial data representing various vital signs, and alerts if the levels are unstable (based on hypothetical situation as if a medical device were feeding vital sign data to the watch)

Lexomics (text-mining) Research Group, Wheaton College, Summer 2013

- Participated in the design, testing, implementation, and documentation of a web-based, text-mining tool for scholars conducting research on digitized texts (lexos.wheatoncollege.edu).
- Collaborated with the English department, using their constant feedback to ensure the most effective and user-friendly design, functionality, and workflow of the tool.
- Developed within a tightly knit software development team using a combination of Python, JavaScript, and HTML/CSS within Flask, a Python micro framework for web development.

Co-Curricular Experience

Student Preceptor, Fall 2014 – Present

- Assisted a group of new students in orientation, course registration, and adjusting to life at Wheaton

Best Buds Program, Fall 2012 – Fall 2013

- Paired with a person with special needs, and accompanied them to monthly meetings

Wheaton College Men's Soccer Team, Fall 2011 – Spring 2013

- Developed time management skills while balancing academics, athletics, and work.
- Increased mental stability and self-confidence while working as a part of a demanding team