Casey Megginson

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Education

BS in Computer Science from the University of Arkansas at Little Rock

Associates in Computer Information Systems from College of the Ouachitas

Areas of Expertise

Languages:	C/C++, Java, Python, PHP, HTML, CSS, TypeScript, Javascript, Haskell, SQL, LaTeX
Libraries/Frameworks:	wxPython, PyQt, OpenGL, Angular 2
Operating Systems:	Arch, Debian, & Fedora based Linux, Windows
Tools:	CMake, Git, Subversion

Relevant Experience

Molex   October 2016 - January 2017
Software Developer

· Rewrote an application for matching SMA cables based on their electrical lengths, applying MVC principles in its design

Emerging Analytics Center   February 2015 - May 2015, August 2015 - May 2016
Student Researcher

· Worked on designing a CAVE (Computer Automated Virtual Environment) in a box and the applications to run on it for use in education
· Updated a set of Boost.Python bindings with a CMake build system and updated the code so that it could be built on modern systems
· Performed general management of the computers in the lab

FIS Global   June 2015-August 2015
Intern

· Automated a variety of tasks by writing Python scripts
· Wrote a replacement for a report generator in Python and ensured that its design was highly extensible

Arkansas Electric Cooperative Corporation   June 2012 - August 2012
Intern

· Wrote an implementation of the algorithm used to determine the allocation of electricity demand among power plants between AECC and Entergy

College of the Ouachitas   October 2010 - May 2012
CIS Lab Assistant

· Ensured the various labs were ready for all the classes
· Assisted students with programming and software related questions
· Experimented with a variety of tools to reduce the workload such as Clonezilla
· Replaced aging web portal for a group of classes with a new hand-coded session management system build on a typical LAMP stack