

Ben Robbins

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520.331.5729

Education

University of Arizona Aug 2005 - May 2010: BS mathematics, minor in computer science

Coursework includes real analysis, abstract algebra, cryptography, linear algebra, graph theory, combinatorics, data structures, operating systems, programming in C, Python and Java.

Experience

University of Arizona Jan 2010 - present: Application Systems Analyst, Senior - Mathematics department

Supporting math department staff and faculty by developing web-based applications for course scheduling, teaching assignments, student data aggregation and reporting, miscellaneous programming projects. Utilize Debian/Ubuntu, PHP, Python, MySQL, Apache, jQuery, Mercurial, shell scripts.

Desert Currents Consulting Nov 2010 - present: Website Admin/Programmer/Engineering Intern

Administrator of project management site hosted on Dreamhost. Miscellaneous programming work related to electrical/computer engineering projects. Learning the basics of electrical engineering including schematics and PCB layout.

University of Arizona Jan 2006 - Jan 2010: Web Programmer - University IT Services department

Developed web-based administrative tools for managing resources/personnel. Utilized OS X Server, PHP, MySQL, Apache, jQuery/YUI, Subversion. Wrote code at each level of the applications: shell scripts, PHP classes/scripts, SQL queries, Apache config files, Javascript, HTML, CSS.

Projects

Vivace Player A light-weight music player using Python, Qt and Phonon. Code at <http://code.google.com/p/vivace-player>

Multi-Layer Canvas A simple library for drawing multi-layered, geometric graphics using the canvas tag. Code at <http://code.google.com/p/multi-layer-canvas>

Interests

Education I think educated people are the most important asset we have, and I love to get involved with the education process. I spend hours talking about education with my teacher friends and tutoring kids in math every week.

Web Development I love web development and in particular the flexibility of programming in Javascript. I'm continuously improving my web development and programming skills.