

Matt Gabrenya

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Education

Brandeis University, Waltham, MA

B.S. Computer Science

Expected May 2013

Relevant Courses: Component-Based Software Development, Computer-Supported Cooperation, Computer Systems Structure and Organization, Database Management Systems, Artificial Life, Computational Neuroscience,

Skills

Platforms: Mac OSX, GNU/Linux (Red Hat Enterprise Linux, Debian)

Languages: Java, C, C++ Python, PHP, HTML, CSS, JavaScript, bash

Frameworks: Django, web.py (Python), CodeIgnitor (PHP), JQuery (JavaScript)

Databases: MySQL, SQLite

Relevant Work Experience

Brandeis University Computer Science Dept., Waltham, MA

Guru (Systems Administrator & IT Support)

October 2010 - Present

- Write and modify scripts for system maintenance, backup, and automation using bash, Perl, and Python
- Set up and install Red Hat and OS X on virtual and physical machines
- Monitor over 100 servers, workstations and services using Nagios
- Install and maintain packages on several versions of Red Hat Enterprise Linux and Mac OS X

Milestone House

August 2011

- Wrote back-end PHP code to process forms, modify a MySQL database, and securely process credit card donations
- Designed MySQL database schema

Leadership Experience

Students for Environmental Action, Waltham, MA

Vice President

Fall 2010 - 2011

- Wrote amendment to Student Union constitution to put funding towards student-initiated sustainability projects
- Lobbied administrators, spoke with students, and wrote articles encouraging support for this amendment