**Amber Heilman**

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441 Regina St. Philadelphia, PA

(215) 429-4568

**Education**

**Drexel University, Philadelphia, PA** **- GPA 3.77**

*Master of Science in Software Engineering* Anticipated Graduation of Dual Degree Program - June, 2014

*Bachelor of Science in Information Systems*

**Universität Mannheim Study Abroad, Mannheim, Germany** August to December 2011

**Software Development Experience**

**Computer Science Department, Drexel University**  Philadelphia, PA *Student Assistant* September 2012 to Present

* Research the developer ascension into the OpenMRS community to assist in PhD study
* Contribute to OpenMRS introductory bug fixes and following the developer tutorials
* Update the Gnome Accessibility program MouseTrap to Python3, GTK+3, Fedora19
* Troubleshoot python3 bindings written in C++ for OpenCV
* Participate in meetings with developers via IRC between states, integrating code via Github
* Created User Documentation for MouseTrap using the documentation language Mallard

**AWeber Communications**

*Junior Software Engineer*

Huntingdon Valley, PA March to September, 2012

* Led the changes made to labs.aweber.com and the redesign of the API cookbook for developers
* Created an integration with PrestaShop written in PHP
* Updated existing web application using pylons for prevention against cross-site scripting
* Collaborated with the Application Programming Interface Team to integrate with other API's
* Developed in a Mac environment using Vim, Git versioning and code review

**Additional Technical Experience**

**CIGNA**  Philadelphia, PA *Systems Analyst*  March to August, 2011

* Collected and maintained project requirements for the internal application, Policy Admin Facility (PAF)
* Wrote, revised and reviewed project planning documentation with third party vendors
* Transitioned and interpreted user requirements for designers and the development phase handoff

**Drexel Information Resources & Technology** Philadelphia, PA

*Help Desk*  September to March, 2011

* Solved computer issues across multiple platforms including Windows 7 and Mac OS X
* Assisted students and faculty with troubleshooting problems including Internet, software and virus concerns
* Managed the Korman Center Computer lab and printers

**Technical Skills**

*Operating Systems:* Windows 7/8, OS X, Fedora, Ubuntu, Debian

*Languages:* Python, PHP, JAVA, SQL, HTML, CSS, JavaScript, Mallard, pydocs

*Experience with:* RESTful API’s, Python Unit Testing with Mock and unittest, Github / SVN, Vim, VirtualBox, Flask, Django, Pyramid (pylons), OpenCV, OpenMRS, Apache Maven, Apache Tomcat, Apache2

**Extracurricular**

iSchool Peer Mentor, Peer Mentor Lead 2010 - 2013, 2013 - Present

Student Global Advisory Board 2013 - Present

Women in Computing Society (WiCS) 2009 - Present

Grace Hopper Women in Computing Conference Fall 2013