

SAMANTHA MCDANIEL

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EDUCATION

Delaware State University, Dover, DE

B.S. Information Technology

2011

RELATED EXPERIENCE

Delaware State University, Computer Science Department

Teaching Assistant / Tutor

2009 – Present

Assists Computer Science and IT students with coursework

Grades papers

Delaware State University, CREOSA

Student Researcher

Summer 2011

Designed a database for spectroscopy data

Delaware State University, CREOSA

Student Researcher

2007-2008 ; Summer

2009

Performed data mining and worked primarily with the LIBS and FTIR datasets using several different software and algorithms

Delaware State University, HBCU-UP

Student Researcher

Fall 2008

Performed data mining and worked primarily with ALH and the LIBS spectroscopy dataset

State of Delaware, GIC

Intern

2006

Created and modified content for the State of Delaware's website

Maintained dynamic webpages such as news and RSS feeds

SKILLS

Proficient with Microsoft Office 2003, 2007, 2010; Photoshop 7, CS5; GIMP 2.6, and Dreamweaver CS

Familiar with the following languages: Java, C/C++, Python, PHP and Javascript

Experienced with Windows 98 – Windows 7, Linux (Ubuntu 10.04+), MacOS X

Able to write semantically correct HTML and CSS; familiar with XHTML

Experienced with Wordpress, MediaWiki, WaxPoteto, and other open source software

Familiar with PostgreSQL and MySQL

Read, write, and speak Japanese with basic proficiency

MEMBERSHIPS

Delaware State University Computer Science Club

Member

Fall 2007-Present

Delaware State University Japanese Club

Vice President (2010 Spring); President (2010 Fall – 2011 Spring)
2011

Spring 2010-Spring

Coordinated and planned activities and lessons for members

Taught basic Japanese

Planned club participation for Sendai Earthquake Relief

Fall 2007-Present