

PHIL MYERS

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Education

Johns Hopkins University

August 2011 - Present

M.S. in Computer Science, Expected Summer 2015; GPA: 3.47

Relevant Courses: Neural Networks, Natural Language Processing, Foundations of Algorithms

The Pennsylvania State University

August 2007 - May 2011

B.S. in Computer Engineering; GPA: 3.13

Experience

Software Engineer

Booz Allen Hamilton, McLean, VA

July 2011 – Present

Defense Intelligence Online (DIO): September 2013 – Present

Description: DIO is a search engine for intelligence products powered by Apache Lucene

- Created a meta-transform for a target XSD so that new XML document types could be ingested into DIO without having to write new XSLT code; resulted in a 10x productivity increase
- Reimplemented user search page using ExtJS; page load time went from 10-30 seconds to instantaneous

Collection Requirements Analysis Tool for the Enterprise (CRATE): March 2013 – September 2013

Description: CRATE is a suite of tools used to manage the collection of intelligence

- Wrote automated test scripts to easily identify points of failure in the message traffic parsing architecture
- Overhauled message traffic parsing architecture; resulted in elimination of 98% of parsing failures
- Created web pages for various tools using the CodeIgniter MVC framework

Metadata Extraction and Tagging Service (METS): August 2011 – February 2013

Description: METS is a webservice used by the intelligence community for the extraction of metadata and semantic information (entities, events, relationships, etc.) from unstructured text.

- Optimized legacy XSLT and Java code; XSLT optimizations resulted in 15x speed improvement, Java optimizations resulted in 5x speed improvement
- Developed RESTful webservices using Enunciate and Apache CXF
- Improved entity extraction by adding rules to our AeroText Knowledge Base

Grader

Penn State CSE Department, University Park, PA

August 2010 – May 2011

- Graded homework and exams for Discrete Mathematics and C++ Programming for Engineers
- Corresponded with students to explain why answers were incorrect and resolve grade disputes

Software Testing Intern

Siemens Medical Solutions, Malvern, PA

May 2010 - August 2010

- Identified bugs and documented them in defect control software
- Wrote documentation describing the functionality of the software for other testers

Projects

Tweet Like Me (<http://tweetlike.me>)

- A Django application that uses n-grams to generate tweets based on what a user has previously tweeted

Languages and Technologies

- Proficient: Java, XSLT
- Experienced: PHP, Python, JavaScript, Bash, ActionScript/MXML
- Enunciate, Apache CXF, Django, jQuery, ExtJS, AeroText, Eclipse, Maven, Tomcat, soapUI, oXygen, svn, git