PHIL MYERS

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Employment

Teaching Assistant   **Johns Hopkins University**   **09/2015 – 03/2016; 01/2017 – Present**

Teaching assistant for the JHU Ruby on Rails Web Development Specialization offered through Coursera

- Monitored online discussion forums consisting of thousands of students; answered student questions
- Wrote wiki pages to keep track of common questions and answers, which cut down on work for future TAs

Software Engineer   **IT.com**   **05/2014 – 08/2016**

Full-stack developer on Agent Access, a customer service ticketing system with machine learning search functionality,

from project inception through the acquisition of the first customers

- Designed and implemented RESTful APIs using Flask based on high-level customer requirements
- Designed database tables and relationships between tables with extensibility and future needs in mind
- Contributed patches to multiple React open source libraries used by Agent Access
- Created webpages from UX mockups using React and Sass

Software Engineer   **Booz Allen Hamilton**   **07/2011 – 05/2014**

- Developed RESTful webservices for an NLP entity extraction project using Enunciate and Apache CXF
- Reimplemented user search page for Apache Solr backed search engine using ExtJS; page load time went from 10-30 seconds to instantaneous
- Created web pages for various collection requirement tools using the PHP CodeIgniter framework

Grader   **Penn State University**   **08/2010 – 05/2011**

- 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

Education

Johns Hopkins University   **08/2011 – 12/2015**

M.S. in Computer Science; GPA: 3.5

The Pennsylvania State University   **08/2007 – 05/2011**

B.S. in Computer Engineering; GPA: 3.13

Projects

- **Capital Transit** (http://dc.echotransit.com; June 2016) - Amazon Echo skill that allows users to ask their device for the next train arrivals at a given station or service alerts for the Washington DC Metro
- **Tweet Like Me** (http://tweet-like-me-rails.herokuapp.com; November 2013) - Ruby on Rails application that uses n-grams to generate tweets based on what a user has previously tweeted

Skills

Languages used professionally, from most experienced to least experienced:
JavaScript (Node, React, jQuery), Python (Flask), Java, XSLT, Bash, PHP

Other Technologies: macOS, Linux, git, svn, HTML, Markdown, CSS, Sass, PostgreSQL, MySQL