

PHIL MYERS

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Employment

Software Engineer

IT.com

May 2014 – August 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 based on high-level customer requirements
- Wrote ETL pipelines to migrate existing customer data from external sources into Agent Access
- Contributed patches to multiple React open source libraries used by Agent Access
- Created webpages from UX mockups using React and Sass

Teaching Assistant

Johns Hopkins University

September 2015 – March 2016

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

Booz Allen Hamilton

July 2011 – May 2014

- Overhauled an existing ETL pipeline written in XSLT by creating a “meta-transform” for a target XSD so that new XML document types could be ingested into our system without having to write new XSLT code
- Re-architected software that converted unformatted, plaintext message traffic into HTML; resulted in elimination of 98% of parsing failures

Grader

Penn State University

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

Education

Johns Hopkins University

August 2011 – December 2015

M.S. in Computer Science; GPA: 3.5

The Pennsylvania State University

August 2007 – May 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