Miles Oldenburg

www.milesoldenburg.com

Education

Duke University, Pratt School of Engineering, 2013-2015

MS Electrical and Computer Engineering

- Information theory: channel coding, optimization
- Probability and statistics: performance, reliability, availability, queuing, stochastic modeling
- Machine learning and pattern recognition
- Network architecture

The Ohio State University, 2012

BS Computer & Information Science
Concentration in Information Systems

Experience

Engineer
Cisco Systems, Inc.
2011 (Internship), 2012 - Present

Accomplishments:

- Created application to analyze reporting structures and provide personnel metrics to assist executives making organizational decisions
- Assisted in creating application to gather and display usage metrics about other applications to assist in resource assignment and retirement of the applications
- Created mobile applications for support, metrics, and pervasive experience
- Design web application architecture and implement company wide applications and web services
- Mentor interns and new hires and manage intern projects

Technical Skills:
Java (Maven, Apache Struts, Spring, Hibernate, jUnit, Javadoc), JavaScript (jQuery, Backbone, Require, Underscore, Grunt), HTML, CSS (LESS, Bootstrap), Version Control (git, svn, cvs, Gerrit), Agile/CI (Scrum, Jenkins), Oracle, Apache Cordova/PhoneGap (iOS, Android)

Systems Engineer
Humanities Information Systems, College of Humanities, The Ohio State University
2007-2009

I designed, developed, and maintained new and existing Web sites and dynamic Web applications. I worked with departments, groups, and individuals in all stages of Web projects.

Accomplishments:

- Wrote scripts to detect, report, and prevent SQL Injection attacks across all College sites
- Wrote scripts to detect and report errors as soon as they occur, across all College sites

- Helped establish ColdFusion components and OOP features of ColdFusion to produce applications and standard display pages for departmental events and scheduling.
- Co-implemented a custom lightweight ColdFusion MVC framework
- Created accessible web sites for impaired users
- Created web sites that adhere to government and validation standards

Technical Skills:
ColdFusion, MSSQL, PHP (Drupal), MySQL, HTML, CSS, JavaScript

Certifications
Professional Scrum Master I, Scrum.org, 2012
ITIL IT Service Management, PEOPLECERT, 2013

Formal Training
Introductory and Advanced ColdFusion Training, Webucator, 2008
Advanced Javascript, Marakana, 2012
Scrum Boot Camp, Construx, 2012
Building Hybrid Apps With PhoneGap, Jonathan Stark, 2013
ITIL Foundations, Pink Elephant, 2013
Big Data Fundamentals: Introduction to Hadoop, Cloudera, 2013
M101J: MongoDB for Java Developers, 10gen, 2013

Student Part Time Experience
Student Web Developer, Goldberg Center, The Department of History, The Ohio State University, 2009-2012
Graphic Designer / Programmer, Foreign Language Center, The Ohio State University, 2011-2012
Web / Database Assistant, Ohio Learning Network, State of Ohio, 2010-2011