

Miles Oldenburg

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Education

Duke University

Durham, NC

MS Electrical and Computer Engineering

2015

Coursework: Information theory, probability and statistics (performance, reliability, availability, queuing, and stochastic modeling), machine learning, pattern recognition, network architecture, environmental sensing, image and video analysis, distributed systems, robotic perception, planning, and control, network security, and parallel computing.

- Worked on planning and control systems of Baxter Research Robot for ICRA 2015 competition

The Ohio State University

Columbus, OH

BS Computer and Information Science

2012

Coursework: Systems engineering, database systems, artificial intelligence, computer graphics, architecture, algorithms and information systems.

Experience

Cisco Systems, Inc.

Research Triangle Park, NC

Engineer

2011 (Internship), 2012 – Present

Design and build web and mobile applications for operations. Design automated front and back-end build, test, and deployment processes. Maintain an internal Bootstrap fork using latest UI/UX guidelines so that teams can easily build applications with approved standards.

The Ohio State University

Columbus, OH

Systems Engineer

2007 – 2009

Designed and maintained web sites and applications for Arts and Humanities departments, centers, and faculty. Built college-wide components for course listings, directories, news, and events.

Skills

- C/C++, Java, JavaScript, Python, PHP, ColdFusion
- HTML/CSS
- Oracle, MySQL, MSSQL, MongoDB
- Version Control
- Continuous Integration
- MATLAB
- Linux/UNIX

Internships

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

Certifications

Professional Scrum Master

2012

ITIL IT Service Management

2013