

## Pengyin Shan

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Blog: <http://pengyin-shan.com>

### EDUCATION

B.S. Computer Science Engineering, the Ohio State University, Columbus, OH, U.S. - Dec 2013

### RELEVANT SKILLS

- Web & Programming: Java, HTML5, CSS3/LESS, JavaScript, Bootstrap3, jQuery/JSON, Python, Spring Framework
- Data Management: Oracle SQL Developer, MySQL, Apache Spark
- Other: Linux, Maven, Git, Subversion, Apache Tomcat, SDLC, Quality Assurance, Project Management, UML Diagram, Android Development

### PROFESSIONAL DEVELOPMENT

- edX (BerkeleyX) Class Certification of CS190.1x, Scalable Machine Learning from Aug 6<sup>th</sup>, 2015
- edX (BerkeleyX) Class Certification of CSS100.1x, Introduction to Big Data with Apache Spark from July 10<sup>th</sup>, 2015
- Oracle Certified Associate, Java SE 7 Programmer from Feb 19<sup>th</sup>, 2015

### WORK EXPERIENCE

#### **Emory University, Communication and Public Affairs, Web Developer - Atlanta, GA, U.S. (Nov 2015 – Present)**

- Implementing and integrating university websites, such as bobbyjones.emory.edu, integrity.emory.edu
- Communicating with clients, analyzing business requirements and creating project-related UML diagrams
- Creating internal tool such as SASS compiler and XML Service JavaScript API in Content Management System

#### **Florida State University, Office of Distance Learning, Application Developer - Tallahassee, FL, U.S. (Aug 2014 – Nov 2015)**

- Led front-end development and built back-end development in Distance Learning Appointment System
- Designed and implemented test plans for automated white box testing to support projects
- Designed and developed Blackboard (LMS) Building Blocks to support FSU students and instructors

#### **COBA/Select Sires, Inc. Information Service Assistant - Columbus, OH, U.S. (Dec 2013 – June 2014)**

- Designed and implemented company website for marketing purpose
- Transferred company database from CSV files to MongoDB for integration with new web application
- Created integration between company Android App and Dropbox API to backup company data in cloud

#### **Hyland Software Inc. Front-End Development / QA Intern – Westlake, OH, U.S. (May 2013 – Aug 2013)**

- Designed and implemented enterprise SharePoint page for company product's future reference
- Created ASP.NET web project as tutorial with executable code example for Managed Extensibility Framework

#### **Hyland Software Inc. International QA Intern – Westlake, OH, U.S. (June 2012 - Aug 2012)**

- Created test plans in PDF format and Macro-Enabled-Excel format for automated black box testing
- Trained other team members in using Excel/VBA skills for future automated testing

#### **Department of Radiology, OSU Medical Center, Student Worker – Columbus, OH, U.S. (Sep 2011 – May 2013)**

- Helped with data entry, data clean process and database maintenance in Dr. Wang's Lab

#### **IBM, Data Analyst Intern – Beijing, China (Aug 2011 - Sep 2011)**

- Created 155 Excel sheets needed for building ERP system for China Power International Holding LTD
- Created conference record which was be picked as draft of user manual