Wei Zhang

## Contact:

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https://weizxni.github.io

# Education:

University of Maryland Baltimore County (UMBC)

Bachelors of Science in Information Systems (May 2014)

# Technical Skills:

**Web Development**

HTML, CSS, JavaScript, Bootstrap, AJAX, PHP, jQuery, Node.js, EJS, Mongoose.js, Git

**Database**

MySQL, Oracle SQL, IBM Mainframe TSO, PSP (PLSQL Server Pages)**,** MongoDB

**Database Design**

Entity Relational Diagrams, Data Flow Diagrams

**Software Testing**

Telerik Test Studio, Selenium, Cross Browser Testing

**Android Application Development**

ADT Bundle Eclipse, XML

**Programming Languages**

JAVA, PYTHON, Visual Basic for Applications

**Code Editors:**

NetBeans, Notepad++, Atom, Sublime text

**DevOps:**

Jenkins, Docker, Ansible, Oracle Virtual Box, VMware ESXI, Confluence, Git Labs, Git Kraken, Groovy, Ubuntu 18.04, Python Flask, Surround, Nginx, Agile, FrogLogic Squish GUI Testing

**Other:**

SharePoint, JIRA, GitHub, Mongo DB Atlas, Raspbian for raspberry pi, Red hat Linux

# Employment History:

**Software Test Engineer / DevOps Engineer (December 2019 - Present)**

* Executed manual testing and verified automated tests created in Squish for the Playmaker product
* Conducted embed testing for DCode Pro product
* Managed and created Jenkins Jobs for CI/CD Pipeline for Blufi, DCode, Playmaker and Transcorder products
* Made updates to the Jenkins jobs that were integrated with GitLabs Triggers
* Managed Jenkins nodes via Jenkins jobs integrated with slack apps and Cron Jobs
* Conducted sprint end of sprint release tasks such as internal release emails and moving builds to releases to be sent to QA
* In charge of managing and making updates to the DevOps portal which is used to download the released and unrelease builds for GreenFish, BluFi, DCode Pro, WBT, Transcorder and PlayMaker Products
* Changed the method of delivering build files on the portal from Flask to Nginx
* Created Docker Images for use on the Jenkins nodes for the Greenfish Product
* Created window service to work with swarm on a windows node
* Updated swarm services on the Jenkins nodes

**Software Tester, ICFI, Rockville (September 2014 – December 2019)**

* Executed tests for the Web aspects of the FAFSA (Free Application for Federal Student Aid)
* Updated test case and test procedure documents according to the customer requirements documents
* Logged and provided screenshots of problems
* Conducted regression testing for previous cycles and updates
* Verified data sent from different web sites are populated on the database correctly
* Participated in peer review and process improvement meetings to improve test documents
* Conducted queries in an IBM database through TSO
* Created a solution in excel for the team leads to be able to test status information from multiple workbooks that are located on SharePoint and instantly create documents status documents that can be sent to the clients
* Created a system where test case traceability is generated and updated automatically in Excel
* Tested the new FAFSA Application App
* Review functional Specifications
* Participated in the introduction of Test studio to automate tests, which uses record and playback as well as manipulating the test case in code
* Participated in basic training for Selenium