

781-600-3440

Donniewei.wu@gmail.com

Donnie Wu

U.S. Citizen

<https://github.com/DonnyWu>

https://donnywu.github.io/Web_portfolio/

EDUCATION

University of Massachusetts, Amherst, College of Information and Computer Science 3.63 GPA

May 2020

Bachelor of Science in Data Science Informatics; *Concentrations in Full Stack Development & Business Intelligence*

Minor in Information Technology

SKILLS

Programming Languages: Python | C# | Java | JavaScript | R | SQL | HTML | XML | CSS

Frameworks/ Applications: .NET | Git | Github | Visual Studio | React.js | Node.js | Tailwind CSS | Bootstrap | Spring Boot | Azure Devops | SQL Server Management Studio

Data Analysis: Tableau | SAP BusinessObjects | SAP BEx Query Designer | ERDPlus | MS Access | Excel

WORK EXPERIENCES

Mitsubishi Electric Iconics Digital Solutions, Software Development Engineer - Foxborough, MA

Aug. 2023 - Present

- Developed and maintained features for *GENESIS64 recipe* component, which aims to allow real-time use, creation, and management of these recipes
- Created Automated test using selenium and Appium to improve QA testing efforts efficiency
- Worked with a team to migrate an existing module: *ScheduleWorX's* code from C++ to C# allowing for 64 bits architecture from 32 bit and easier code maintainability
- Setup and maintained QA environments, for manual tests conducted by QA team as well as for automation tests

InterPro Solutions, Software Engineer - Stoneham, MA

Jan. 2022 - Nov. 2022

- Implemented InterPro Solutions' flagship application EZMaxMobile based on client's business requirements using Java, Spring Boot, JSON, Angular, Struts, Typescript, and IBM Maximo custom Business Object APIs.
- Used React JS to customize the layout of InterPro Solutions' EZMaxRequest
- Used developer environment to test the UI of EZMaxMobile, confirming it is cross-referenced with IBM Maximo
- Handle incoming tickets pertaining to client's custom built EZMaxMobile with support team and team architect

University of Massachusetts, Amherst, CICS Undergraduate Teaching Assistant - Amherst, MA

Sept. 2018 - Jun. 2020

- Worked as an Undergraduate Teaching Assistant for the course: *CS 105 – Computer literacy*
- Held office hours; helped student understand class material including basic web development, interacting with a MySQL database, and programming in Python
- Debugged and graded students' assignments and input into them in grade database
- proctored exams with the professor

Allscripts, Software Engineer Intern – Burlington, MA

May. 2019 - Aug. 2019

- Used C# in Visual Studio and ASP .NET to implement test cases that can be called by Allscripts' test server
- Used Microsoft Azure web service to automate regression test cases in the business layer of Allscripts' Access Manager Software
- Created audit test cases that ensures authorization information are cross checked within Access Manager Database
- Setup quality assurance testing environment in order to run test case manually within Access Manager
- Reported bugs found within Access Manager on Team Foundation Server and worked with QAs, Developers, and the Principal Architect to resolve the issue
- Participated in code review with my mentors to ensure test files followed good coding practices

Brandeis University, App Design Teaching Assistant– Waltham, MA

July. 2018 – July. 2018

- Introduced students to full stack developments by guiding them through HTML, JavaScript, and CSS
- Hosted Office Hours; answered questions and troubleshooted students' codes
- Helped student use React to create the front-end of their application, hook them to open-sourced APIs
- Taught more advanced students the React Library, to build interfaces and Java Springboot backend framework