Maxwell R. Zawisa

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EDUCATION

University of Michigan, Ann Arbor, MI

Bachelor of Science in Engineering in Computer Science Engineering   April 2021
GPA: 3.6/4.0

Relevant Coursework
Computer Game Development, Software Engineering, Operating Systems, Mobile App Development, Web Systems, Data Structures and Algorithms, Computer Security, Computer Organization, Discrete Mathematics, Linear Algebra, Technical Communication

SKILLS

Proficient Languages: C++, C, C#, SQL
Familiar Languages: Java, Python, Swift, JavaScript, HTML/CSS, bash, Assembly
Technologies: Git, .NET, Unity3D, Open Source, React, Django, flask, unit testing, docker

EXPERIENCE

Amrock, Detroit, MI   June 2021 - Present
Associate Software Engineer

- Solve business problems by designing and implementing software solutions
- Maintain a monolithic .NET application and create new domain specific services

Learning Care Group, Novi, MI   June - August 2019
IT Intern

- Developed Power BI reports utilizing SQL and DAX queries for companywide consumption
- Collaborated with a team of developers in an agile system to maintain reports
- Built proof of concept ML models using Azure ML, KNIME and others to demonstrate the cost saving potential of predictive analytics use at Learning Care Group
- Presented my Machine Learning Research findings to stakeholders

Consumers Energy, Jackson, MI   May - August 2018
Strategy Intern

- Designed several custom SharePoint sites using HTML and CSS for internal use

PROJECTS

Run With Max App   June 2020 - June 2021

- Developed an interactive running log to encourage MRun sprinters to stay active when distanced
- Implemented a REST API using Django REST framework hosted in AWS
- Designed a front end iOS application using React-Native

Vesuvius Video Game   October - December 2020

- Developed a video game in 6 weeks with 3 fellow game development students
- Built using the Unity3D game engine and C# scripts

Zulip   November - December 2020

- Contributed to an open source project on GitHub
- Overhauled an existing integration with an external service that drastically changed their API
- Elicited requirements from power users to add useful features
- Utilized continuous integration and unit testing to ensure high quality code

ACTIVITIES

Michigan Running Club, *Sprint Training Chair*   April 2019 - April 2021

AWARDS

University of Michigan College of Engineering Deans List Fall 2020
EECS 183 Overall Showcase winner Fall 2017 with an iOS Application for the dining halls on campus
Graduated Summa Cum Laude (Brighton High School, Brighton, MI - 4.06/4.00 GPA)