MUYIDEEN JIMOH

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Skills

- C# | WPF | .NET Core | NET Framework | OOP | Microsoft Office Interop | ClosedXML for .NET | IronXL for .NET | Unit Testing
- JavaScript | Python | NodeJS | ExpressJS | ReactJS | Django | jQuery | Git | GitLab | MySQL | SQLite | MongoDB | Jest | Python Unittest
- AWS | RESTful API | Parallel Computing | Multithreading | Backend | Full-Stack | ML | Image Segmentation | P5.js | OpenCV

Experience

Software Engineer   **Gmax Technology Ltd**   Kitchener, ON CA   **11/2021 – Present**

- Developed a Real-time dashboard for visualizing the performance of globally used Gmax racing devices using **MongoDB, ExpressJS, ReactJS, NodeJS, REST API and Websocket.**
- Led the implementation of a weekly report generator application using **C#, .NET Code, MVVM, ClosedXML and Microsoft Excel Interop.**
- Developed a file-caching system for optimizing the speed of daily automation scripts and efficiency of Gmax support staffs using **Python, OOP, and FTP server.**
- Designed and implemented a **Python** program for parsing historical and daily generated race logs to extract and decode racing data.
- Continuous maintenance of software and automation scripts including bug fixing, feature updates, optimization, and unit testing.

Software Developer, Contract   **Timberlea Designs**   *Cambridge, ON, CA*   **10/2020 - 10/2021**

- Developed a **UX Photoshop plugin** to automate the production of digital e-commerce products using **Adobe UXP API with JavaScript.**
- Worked closely with business partners in one-on-one discussions to grasp one of their key operational dilemmas, subsequently developing software solutions via thorough **research** and **documentation.**
- Provided in-person training to both business partners and graphic designers with the aid of flowcharts and detailed documentation.
- Automated and optimized product solutions increased efficiency for graphics designers by 800%.

Web Developer (Intern)   **Foresters Financial**   *Toronto, ON, CA*   **02/2020 - 09/2020**

- Worked with senior developers to develop software for documenting insurance policies and procedures using **HTML, CSS, & JavaScript.**
- Leveraged **Python scripting** to automate file download and management operations, streamlining the data migration process.
- Worked collaboratively with cross-functional teams to gather requirements and documents, ensuring timely delivery of software.

Teaching Assistant   **McMaster University**   *Hamilton, ON, CA*   **01/2019 - 06/2019**

- **Python Programming**: Delivered a weekly tutorial class for 60 students to expand on concepts related to lecture material.
- Held office hours and problem-solving sessions 12 hrs/week for 200+ students to go over OOP programming, data structures, algorithms, and functional programming.

Education

Bachelor of Applied Science   **McMaster University**   *Hamilton, ON, CA*   **08/2013 - 06/2019**

- Major Computer Science

Projects

- **MESSAGING SYSTEM**: Developed an async network broadcasting system using **ZeroMQ, Multithreading, Python** (Github) **(06/2023)**
- **DIGI-PRODUCT**: Implemented an Image batch processing script using **JavaScript, Photoshop, Photoshop API** (Youtube) **(06/2023)**
- **HIGH-RES**: Developed an image blurring algorithm using **C language** and **parallel computing** with **NVIDIA CUDA** (Github) **(04/2019)**
- **INVENTORY MANAGER**: Developed a user interface for an Inventory Management Application using **Python, Tkinter** (Github) **(03/2019)**

Mentorship

- **Peer Support**: C# coding review sessions on OOP, data structures, algorithms and problem solving to SWE students **(11/2021 - Current)**
- **The Tutoring Expert**: Tutoring of grade 11 & 12 students in Computer Programming, Math, and Physics **(09/2019 - 09/2021)**

Certificates

- **Applied Data Science Specialization,** Link to certificate offered by IBM **(11/2020)**
- **Data Visualization with Python,** Link to certificate offered by IBM **(09/2020)**
- **Python for Data Science and AI,** Link to certificate offered by IBM **(09/2020)**
- **Data Analysis with Python,** Link to certificate offered by IBM **(09/2020)**