

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
- Websockets | 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 Core, WPF, MVVM, ClosedXML and Microsoft 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

- **MEMORY GAME:** For brains attention, processing speed and cognitive function **JavaScript, HTML, CSS, jQuery** ([Game Link](#)) (01/2024)
- **PORTFOLIO:** Official website showcasing software experience, projects, and education **JavaScript, HTML, CSS** ([Link](#)) (12/2023)
- **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)

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**)