OUSAMA ALABDULLAH

Software Engineer

@ OusamaHAlabdullah@gmail.com | 📞 647-997-4413 | in www.linkedin.com/in/ousama-alabdullah/ | **Canadian Citizen**

EXPERIENCE

PC Builder and Troubleshooter
Self Employed

📅 September 2020 – Current   📍 Mississauga, ON

- Constructed personalized computer systems tailored to individual customer requirements.
- Resolved PC hardware and software issues, including hardware failures, driver problems, and compatibility issues.
- Proficient in GPU and CPU overclocking for enhanced performance while ensuring stable temperatures.
- Delivered tailored technical solutions, simplifying complex concepts for non-technical clients

Data Analyst
Vanguard Financial

📅 April 2021 – July 2021   📍 Remote

- Collaborated with the accounting team to support data collection, analysis, and reporting for financial auditing and reporting.
- Utilized Microsoft Excel, SQL, and data visualization tools to analyze financial data .
- Showcased strong problem-solving and ongoing skill improvement in financial data challenges by staying updated on industry trends

PROJECTS

Robot Guidance (Assembly)
Toronto Metropolitan University

📅 September 2023 – November 2023

- Designed and developed a robot guidance system integrating the HCS12 microprocessor and EEBOT, enabling precise navigation and obstacle detection.
- Implemented sensor interfacing, control algorithms, and real-time communication, enhancing the robot's autonomy and responsiveness.

Job Bank Database (SQL)
Group-Learning Project

📅 September 2023 – November 2023

- Designed and implemented a user-friendly SQL-based Job Bank Database System for job posting and access, incorporating a Java-based UI.
- Developed a streamlined database schema for efficient job data storage, reducing redundancy.
- Created SQL queries for enhanced job search functionality within the Java-based UI.

EDUCATION

Bachelors of Engineering – Computer Engineering
Toronto Metropolitan University

📅 September 2020 – Current

SKILLS

Python | Java | Matlab | VHDL | Assembly | SQL | C/C++ | API | PowerBI | Microsoft Apps | HTML/CSS | JavaScript | Unix

COURSEWORK

- Data Structures and Algorithms
- Object Oriented Programming
- Electric CircuitsI
- Electric Networks
- Electric Circuit Analysis
- Microprocessor Systems
- Calculus I & II
- Differential Equations and Vector Calculus
- Digital Systems
- Database Management Systems
- Discrete Mathematics
- Software Systems
- Thermodynamics and Fluid Systems

CERTIFICATES

- MathWorks
  - MATLAB Onramp
  - Simulink Onramp
  - Control Design Onramp with Simulink

ACHIEVEMENTS

- Hack The North Participant
- Member, Toronto Metropolitan University League of Legends Team