BRIGHT OLALEYE

briteolaleye@outlook.com I 647-784-9781 I www.linkedin.com/in/bright–olaleye I GitHub: 1bright1 (Bright) (github.com)

EDUCATION

Bachelor of Applied Science, Computer Engineering | Queen's University   **September 2020 – April 2024**

- Achievements: Dean's List, Entrance Scholarship.
- **Relevant Coursework**: Object Oriented Programming, Fundamentals of Software Development, Operating Systems, Advance Data Analytics, Data Structures, Cryptography & Network Security, Engineer Graphics, Database Management System.

TECHNICAL SKILLS

- Coding Languages: **Python, Java, C/C++, JavaScript**
- Technologies/Framework: Linux, **Microsoft Azure**, **Azure Data Studio,** Jira, **GitHub**, **AutoCAD**, Microsoft Office Suite, **Postman, Node.js, React.js**
- Skills: **Troubleshooting, Agile Methodology**, Testing, Analysis, Root Cause Analysis**, Engineering, Cloud Computing**

SOFTWARE and BUSINESS PROJECTS

Quhyve.com "Student Business Directory" | **JavaScript, MySQL, HTML, CSS** – Co-Founder

- "HYVE" is a platform that promotes student – led services at Queen's University. It helps creates a more inclusive environment especially for people of minority backgrounds.
- Designed, developed, and **tested** a custom scheduling solution for students using **JavaScript, SQL**, and **Microsoft Azure** to ensure high reliability and performance.
- Led a team of developers in **troubleshooting** and **debugging** system issues, improving platform stability and user experience.
- Applied **agile principles** to manage project sprints, delivering high-quality software on time while continuously improving the UI design based on user feedback.
- Applied **root cause analysis** to resolve platform issues, boosting uptime and user engagement.
- Implemented technical solutions that increased platform performance, contributing to **10,000+** social interactions and **4,000+** page views.
- Generated **$10,000 in student service revenue** and **$5,000 in direct revenue** so far.

Intergalactic Math Challenge | GUI Designer, Software Architect, Fundamental of Software Development

- Designed and built a **C++** math-learning application, focusing on **testing user interactions** and ensuring accurate functionality for multiple grade levels.
- Conducted **component-level troubleshooting** for both the front-end GUI and back-end logic, ensuring smooth user experience.
- Integrated a database system to manage user logins/registration, applying **debugging techniques** to ensure seamless database operations.

Client/Server/Network Application for Multiplayer Games | **Python**, Sockets

- Developed and **tested** a Python-based multiplayer game, implementing server-client architecture using **Sockets** to manage real-time communication between players.
- Conducted **extensive testing** to ensure stable network connections and smooth gameplay, identifying and resolving latency issues.
- Troubleshot client-server communication issues, optimizing the system for better performance and reliability.

Heart Rate Android Application | **Java**, **Kotlin**, Python, Android Programming

- Developed an Android application to monitor and display ECG signals dynamically.
- Tested system performance and diagnosed potential issues in real-time data transmission.
- Conducted troubleshooting to ensure accurate heart rate readings, improving reliability and user experience.

EXTRACURRICULAR EXPERIENCE

National Society of Black Engineers | **Finance Lead**, Kingston ON   **January 2023- April 2024**

- Kept track of financial records for club budgeting, enabling the club to prioritize funding for various events.
- Arranged and set up funding for the club.
- Acquired a funding of **$6000**, allowing the club to initiate events for NSBE such as booths, and socials.

PROFESSIONAL EXPERIENCE

Student Ambassador | Queen's University   **September 2023 – April 2024**
- Assisting students with off-campus living/housing guide.
- Engaged with **200+** Queen's students via info sessions and outdoor activities to give awareness about off-campus housing.
- Collaborated with public servants such as police, firefighters, and by-laws to run booths and other events for safety initiatives.

Billing Administrator | Air Liquide
July 2022 – September 2022
- Summer Intern. Use of Microsoft Dynamics 365 and Sales Force to bill and re-bill credits on Clients.