

OGHENEKENO OBUWOMA

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EDUCATION

- **University of Ottawa**, BSc in Software Engineering, 2023 to present.

SUMMARY OF QUALIFICATIONS

Languages: HTML, CSS, Git, Java, Python, SQL (via SQLite) | *Beginner:* JavaScript

Developer Tools: Android Studio, VS Code, Eclipse, IntelliJ

Technologies: SQLite, Figma, GitHub, Notion, Trello, Canva

Core Knowledge: Object-Oriented Design, Data Structures and algorithms, Operating Systems

PROJECTS

WEB DEVELOPMENT PROJECT

September 2023 - December 2023

[GitHub](#)

- Developed the MealBytes website with software engineering students using HTML and CSS, improving front-end development skills and collaboration effectiveness.
- Reduced merge conflicts by 50% by implementing clear branch naming conventions and detailed Git documentation.

ANDROID PROJECT

September 2024 - December 2024

[GitHub](#)

- Built a mobile app using **Android Studio** delivering an intuitive and user-friendly design that enhanced user engagement.
- Implemented **object-oriented principles in Java**, developing core application functionality and improving code reusability and maintainability.
- Streamlined project collaboration and release tracking by utilizing **GitHub** for version control, ensuring efficient team contributions.
- Managed events and user data with an **SQLite database**, enabling reliable storage and retrieval of user information.

COMMUNICATION DEVICE PROJECT

September 2024 - December 2024

- Produced a device for a non-verbal client, enabling communication of key messages to caregivers.
- Utilized **3D printing** and **CAD** to design tactile buttons that play audible words when pressed, ensuring clear communication and ease of use.

LINGUISTION APP: HACKATHON CHALLENGE

January 2025

[GitHub](#)

- **Prototyped a real-time translation app** aimed at helping students from diverse backgrounds understand lectures in their preferred languages, fostering accessibility and inclusivity.
- Integrated voice recognition and the **Google Translate API**, learning valuable lessons about speech-to-speech translation challenges, including latency and accuracy limitations.

WORK EXPERIENCE

STUDENT ASSISTANT INTERNSHIP

January 2021 - May 2021

- Provided actionable insights by collaborating with the director to interpret their vision, improving project alignment with strategic goals.
- Increased client engagement by 5% through data analysis that identified key trends and informed targeted strategies ensuring milestones were met on time and within scope by supporting project management tasks and maintaining clear communication across teams.