

Kenan Keane Odongo

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Experience

George Brown College
Computer Lab Technician

Toronto, Ontario
2024 – 2025

- Assist students with **connectivity, hardware, and software issues**
- Ensure computers are **functional for exams and tests**
- **Supervise** computer rooms and enforce regulations
- **Check and report** failing systems for updates or replacement

Projects (see more on portfolio)

Gomoku A.I Application – Java, JavaFX

- Implemented **minimax algorithm** with **alpha-beta pruning** for optimal A.I responses
- Applied **Object-Oriented principles** including **polymorphism and inheritance**
- Designed **JavaFX GUI** coordinated with back-end logic

Shopping Website – ASP.NET, PostgreSQL, MVC

- Developed website using **MVC pattern** for organized back-end and front-end components
- Implemented **PostgreSQL database** with PgAdmin for effective data management
- Setup **user authentication** with email confirmation using **SMTP**
- Used **GitHub** for version control with branches and meaningful commit messages
- Developed database **relationships** using **Microsoft Entity ORM**

Education

George Brown College
Advanced Diploma

Toronto, Ontario
Expected: April 2026

Relevant Courses:

- **Object Oriented Programming:** Classes, objects, inheritance, polymorphism, encapsulation, abstraction
- **Data Structures & Algorithms:** Arrays, linked lists, stacks, queues, Big O notation analysis
- **Full Stack Development:** Frontend/backend technologies, databases, APIs, UI design
- **Web Development in PHP:** Dynamic applications with PHP and MySQL, server-side scripting
- **Open Source Development:** Git/GitHub collaboration, code review processes

Technical Skills

Languages: JavaScript, Java, PHP, C, Python

Technologies/Frameworks: Node.js, Express.js, React.js, ASP.NET, Laravel

Databases: MySQL, PostgreSQL

Development Tools: Docker, Linux, Git, GitHub, VS Code