

Klevin Mutombo

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EDUCATION

University of Ottawa

Bachelor of Applied Science in Software Engineering

Ottawa, ON

Sept. 2023 – Dec 2027

- Admission Scholarship of 1,000 dollars
- Relevant courses: Data Structures and Algorithms, Introduction to Software Engineering, Computing I, Computing II, Computer Architecture, Software Quality Assurance

EXPERIENCE

Geomatics Analyst - GIS Automation (Co-op, return offer)

January 2025 - April 2025

Return: September 2025 - December 2025

Statistics Canada

Ottawa, ON

- Automated spatial data workflows using ArcPy (ArcGIS Python scripting) to improve processing efficiency.
- Maintained and verified large datasets for the Statistical Building Register (SBgR), contributing to the accuracy of Canada's dwelling and population statistics.
- Integrated ArcGIS tools with SAS/Python for data and integrated Pandas for cleaning and transformation.

Web Developer

June 2024 – June 2025

Telfer Business Technology Association

Ottawa, ON

- Partnered with the Development and Analytics team to design, develop, and deploy a fully functional website from the ground up, integrating both front-end and back-end systems.
- Delivered clean, efficient code across front-end (HTML, CSS, JavaScript) and back-end components, adhering to industry standards and ensuring scalability.
- Conducted rigorous testing and debugging to resolve website functionality issues, ensuring a seamless user experience across multiple devices and browsers.

PROJECTS

Attendly – Event Attendance Management System

Sept 2024 – December 2024

(Android App, Team Project)

Android Studio, Firebase, Java

- * Implemented user account creation, field validation, and error-handling features to ensure secure and accurate registration across Attendee, Organizer, and Admin roles.
- * Developed event registration functionality, including custom search and registration request features, with Firebase integration for real-time data handling.
- * Created and executed unit test cases to validate core app functionality and improve reliability, contributing to a fully functional and tested release APK.

Alterum

Sept 2023 – November 2023

(Website, Team Project)

HTML, CSS, JavaScript

- * Worked within a team to design and implement a functional website for product promotion, focusing on user-friendly pricing layouts.
- * Developed and enhanced the pricing page by writing clean, efficient code, improving page appearance and user experience.
- * Identified and resolved bugs in real-time during development, ensuring a fully functional and responsive design.

TECHNICAL SKILLS

Languages: Experience with Java, Python, JavaScript, HTML/CSS, XML, Familiar with SQL and Firebase

Frameworks: Familiar with React

Developer Tools: Git, Visual Studio, Github, Figma, Eclipse, Android Studio

Work Spaces: Office 365, Google workspace, Microsoft Office, Microsoft teams, Excel, PowerPoint, Word

Geospatial Tools: ArcGIS Pro, ArcGIS Online

Currently Learning: Unix, Linux, C programming language

LANGUAGES

Languages: Fluent in English and French both spoken and written