Klevin Mutombo

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EDUCATION

University of Ottawa — Ottawa, On
Bachelor of Applied Science in Software Engineering — *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 (Co-op) — January 2025 – April 2025
Statistics Canada — *Ottawa, ON*
- Utilized ArcGIS and Python to manage and automate data updates for hundreds of building records, improving efficiency and data accuracy for national census planning.
- Maintained and verified large datasets for the Statistical Building Register (SBgR), contributing to the accuracy of Canada's dwelling and population statistics.
- Developed custom Python scripts within ArcGIS to batch-insert multiple records, reducing manual data entry time.
- Conducted office listing by interpreting and classifying ambiguous or missing building data using internal guidelines and spatial tools.
- Used internal tools and manuals to independently troubleshoot mapping issues and resolve data inconsistencies across multiple regions.

Web Developer — June 2024 – Present
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.
- Leveraged React for dynamic front-end components and Git for version control to streamline the development process.

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