

Hamza Elkababji

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EDUCATION

Bachelor of Engineering Science, **Software Engineering**

The University of Western Ontario, London, ON

09/2022 - 05/2026

Engineering Student Ambassador 2023- 2024 | Dean's Honour List 2022 – 2023 | Entrance Scholarship of \$2,500

ENGINEERING EXPERIENCE

Smartegrators Ltd. - London, ON

Project Coordinator

05/2023 - Present

- Coordinated 4 **IoT projects** for home builders and commercial businesses with installation of 20+ different types of **integrated smart devices** along with **programming control automation scripts** to exceed client expectations.
- Ideated possible opportunities within the **control automation market for AI integration** to make the ownership of a smart system more convenient for the client and Smartegrators, all while minimizing client's need for further support.
- Received 100% positive feedback while **retaining long term customers** through contracting with a home builder.

Security Systems Installer

06/2022 - 09/2022

- Conducted full and thorough installation of security systems and **testing/quality assessments** to verify system functionality.
- Dove deep into the functionality of the products received from suppliers such as Dahua, and Honeywell for efficient installation.
- Worked with software such as **Resideo's AlarmNet 360** to allow for **ease of use from client's end**.

PROJECTS

Overhaul Hackathon: InkLink Note Taking Website – github.com/mroger58/overhaul-hack

- Competed to reach the goal of creating a **functional note taking website** with all the common features and more.
- Used **APIs** (such as text to speech) to add features that aid people with impairments more easily take notes.
- Skills: **JavaScript, HTML, CSS, and Web APIs**.

Western Engineering Competition: Natural Disasters – github.com/HamzaKababji/WEC-Programming

- Led a team to compete in creating a website that allowed for the filtering and addition of natural disasters.
- Parsed/Read/Wrote to a CSV** file and **displayed filtered arrays** in a neat way with HTML and CSS.
- Learned valuable skills while attempting to initially go through the route of using the **React Framework and Tailwind CSS**.
- Skills: **Parsing CSV, JavaScript, HTML, CSS, React, Tailwind CSS**.

Java GUI Game Project: Hydra Game – github.com/HamzaKababji/HydraGame

- Created a functional Hydra Head Game by using user input to dictate the head's action when clicked.
- Used critical thinking and problem solving in **OOP** to **debug issues** such as a head overlapping with another.
- Skills: **Java GUI, Maven, Gluon Scene Builder, IntelliJ, and FXML**.

Business Website With 3D Model Viewer: JustForYou Luxury Gift Shop – github.com/HamzaKababji/JustForYou-Luxury-Gift-Shop

- Created a website for a Business Feasibility Study project at Western University with unique features such as a 3D Viewer.
- Properly **utilized open-source code** such as iframe for google maps and model-viewer for the 3D Model by **embedding**.
- Skills: **Embedding, JavaScript, HTML, CSS, and Bootstrap**.

OTHER EXPERIENCE

Staples – London, ON

Technology Sales Representative

06/2022 - 09/2022

- Offered great customer service and guidance to all options Staples provides in the technology section.
- Exceeded expectations and pre-set goals by selling a total of approximately 75 Easy Care Plans and 5 Tech Support Subscriptions on the spot, while also catering to all other customer's needs.
- Built an understanding of how teams work together to meet their goals and learned how I fit as an asset to them.

SKILLS

Python, Java, JavaScript, HTML, CSS, C#, Unity, WSL, GIT Version Control, VS Code, IntelliJ, VS, IoT, Control Automation, SQL