# Mahmoud Bendari

647-879-7640 | mbendari25@gmail.com | https://www.linkedin.com/in/mbendari/ | mahmoudbendari.com

## TECHNICAL SKILLS

**Languages & Developer Tools**| Python, HTML, CSS, JavaScript, Java, C/C++, Java, Git, GitHub
**Software/Hardware & Design**| Office 365, Adobe Creative Cloud, AutoCAD, Soldering, Linux
**Soft Skills**| Leadership, Project Coordination, Communication, Teamwork, Multitasking, Problem Solving, Arabic

## WORK EXPERIENCE

**Start-up Founder**                                                            **January 2025 - September 2025**
Digital Fixers                                                                            Guelph, Ontario

- Architected and deployed custom web solutions and digital marketing integrations using HTML/CSS, driving a 90% increase in business visibility and customer acquisition within the local community.
- Engineered a hardware/software diagnostic workflow to troubleshoot complex system failures, utilizing multimeters and software debugging tools to resolve board level issues.
- Optimized inventory and supply chain logistics by developing complex Excel models to track expenses and manage orders from global suppliers, ensuring 100% reliable part availability for repairs.

**Software Engineering Intern**                                                  **June 2025 – August 2025**
Pearl Travel                                                                      Alexandria, Egypt (remote)

- Designed and developed a responsive web platform for the largest travel agency in Alexandria using HTML, CSS, and JavaScript, resulting in a 70% increase in user interaction and breaking into t he online markets.
- Communicated with management on design, marketing, and updates on the website.
- Implemented UI/UX optimizations that contributed to sales, resulting in an increase of $20,000 of revenue.
- Collaborated with management using Agile methodologies to integrate design updates and marketing requirements, utilizing Salesforce and Adobe tools to maintain data consistency.

**Asset Protection Agent**                                                     **January 2025 – September 2025**
Loblaws Group                                                                             Oakville, Ontario

- Coordinated with management to enforce asset protection protocols, achieving a success rate of over 95%.
- Applied psychological de-escalation techniques to resolve critical situations, prevent theft incidents effectively.

## PROJECTS

**Circuit/Code Designer**                                                     **September 2025 – December 2025**
Engineering & Design I                                                                     Guelph, Ontario

- Designed and fabricated an embedded electromechanical system using Arduino Uno and C++, programming control logic for DC motors to ensure optimal output under varying loads to meet the set criteria.
- Conducted rigorous constraint analysis based on sustainability, cost, and ethics, modelling system performance and physical parameters using AutoCAD and Excel ensuring effective development that abide by constraints.
- Worked with real world engineering constraints and criteria based on sustainability, cost, and ethics.
- Drafted full contracts and reports with my group to cliental with regards to cost, weight, emissions, and circuit diagrams with tools like Word, Excel, and AutoCAD.

**Key Safe Locker**                                                               **April 2025 – May 2025**
Embedded Systems Design                                                                    Milton, Ontario

- Developed a functional key-safe locker by utilizing AutoCAD to design a custom enclosure that optimized the spatial layout for internal circuitry, power management, and electromechanical components.
- Programmed a secure user interface using an OLED display, matrix keypad, and motors, while maintaining a detailed engineering log to document troubleshooting and iterative design changes for a final technical report.

## EDUCATION

**University of Guelph**                                                          **September 2025 – April 2025**
B.Eng. Computer Engineering Co-op                                                          Guelph, Ontario