

ADIYAT JUBAIR

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Education

Ontario Tech University

Bachelor of Engineering in Software Engineering

CGPA: 4.1/4.3

Sep. 2024 - April 2028

Oshawa, ON

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript, Lua

Frameworks/Libraries: PyTorch, Node.js, Pygame, MySQL, WAMP, Arduino IDE

Technologies/Tools: Figma, TinkerCAD, VS Code, SolidWorks, AutoCAD, Arduino

Experience

Engineering Society Community

Director of Internal Affairs

August 2025 - Present

Oshawa, ON

- Organized internal events (Internal Engineering Competition and networking events), achieving **100+ registrations**.
- Designed rule-books and registration forms by using **Microsoft applications** and publishing them.
- Developed complex challenges by using **Python and SolidWorks** and executing each challenge.

Freelancing Company

Founder & Full Stack Web Developer

November 2024 - Present

Mississauga, ON

- Founded and managed a freelancing company providing **full-stack web development** services for startup companies
- Designed websites for different companies by using **HTML/CSS/JavaScript, Figma, and Adobe Photoshop**.
- Delivered **5+ websites** successfully with a **80% customer satisfaction rate** through proposals and feedback sessions.

Projects

Smart Fan Temperature System | Arduino IDE, TinkerCAD, C++

November 2025

- Developed an **Arduino-based intelligent system** that automatically adjusts fan RPM based on room temperature.
- Implemented visual display components such as Liquid Crystal Display and RGB LED for user simplicity.
- Designed the hardware and software components of the system using **TinkerCAD and Arduino IDE** and successfully documented and presented the report to address **real-world engineering problems**.

Taskly - Task Manager Website | HTML, CSS, JavaScript, PHP, MySQL, Figma, VS Code

October 2025

- Programmed a tailored task manager for several students using **HTML/CSS/JavaScript, PHP, and MySQL**.
- Designed a proper login **authentication and security**, and **database structure** using PHP, MySQL, and **WAMP**.
- Utilized **Figma** to conceptualize and refine the website's front-end experience, enhancing usability and visual consistency while improving developer hand-off efficiency.

Portfolio Website | Figma, HTML, CSS, JavaScript, PHP

December 2025

- Designed and developed a responsive full-stack portfolio website using **PHP, HTML/CSS, and JavaScript**.
- Integrated **backend functionality**, providing a contact form and links to various social media accounts using **PHP**.

Sumo-Robot | C++, Arduino, Robotics Kit

January 2023

- Engineered a sumo-robot and placed 2nd in a school tournament by assembling an **Arduino circuit** with robotics components and **embedded programming**.
- Programmed the motion and scanner thresholds for the sumo-robot with **Arduino IDE and C++**.

Scissor Lift 3D Model | SolidWorks, Gantt Chart, 3D printing

January 2024

- Constructed a **3D model** and engineering drawing prototype of a scissor lift using **SolidWorks**.
- Produced brochures, **3D printed** prototypes and presented a product advertisement using **PowerPoint and Canva**.

Relevant Coursework

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|-------------------|-------------------------|----------------------------|
| • Data Structures | • Object-Oriented Prog. | • Engineering Design |
| • Intro to Prog. | • Web Prog. | • Electrical Engineering |
| • Linear Algebra | • Discrete Mathematics | • Statistics & Probability |