

# 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

### Code N' Create

January 2026 - Present

*Program Coordinator*

Mississauga, ON

- Instructed and educated **40 students (ages 12-15)** in foundational **Python** programming through engaging lessons.
- Delivered multi-level programming challenges to accommodate varying skill levels, ensuring student development
- Managed **classroom engagement** and progress-tracking while providing a **positive environment for students**.

### Engineering Society Community

August 2025 - Present

*Director of Internal Affairs*

Oshawa, ON

- Organized internal events (Internal Engineering Competition and networking events), achieving **100+ registrations**.
- Designed and published rule-books, registrations, challenges, and event layouts using **Microsoft Applications**.

### Freelancing Company

November 2024 - Present

*Founder & Full Stack Web Developer*

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.

### 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

- Data Structures
- Intro to Prog.
- Linear Algebra
- Object-Oriented Prog.

- Web Prog.
- Discrete Mathematics
- Engineering Design
- Electrical Engineering

- Statistics & Probability
- Data Structures
- Digital Systems
- Engineering Economics