# **Mourad Sherif**

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### **PROFILE**

A driven and outgoing student who enjoys programming and CS-related topics. Launched a personal programming blog documenting Python learning journey, as well as Unity game development. Created many side-projects in Python, validating learning skills and experimenting with new frameworks like Flask. Co-founded Fundamental Wealth, a startup focused on assisting North American students in finding a career in finance.

#### **EDUCATION**

**High School Diploma** 

Sep 2021 - Jun 2025 (Expected)

Waterloo Collegiate Institute, Waterloo, ON

#### **WORK EXPERIENCE**

Co-founder Jul 2023 - Present

Fundamental Wealth, Waterloo, ON

- Delegated a team of five, ensuring tasks like cold outreach were completed smoothly.
- Conducted early market and user research and consulted team members for developing business MVP.
- Assisted in social media marketing by creating scripts and researching potential content ideas.

Volunteer Jun 2022 - Jul 2022

Royal City Soccer Club, Waterloo, ON

- Oversaw campers aged 5-13 years old, ensuring a safe and playful work environment for all campers and staff.
- Collaborated with staff in organizing and ending camp activities, increasing productivity by 50%.

### **PROJECTS**

Stellarscape C# (Unity), Blender

- A 3D, fast-paced FPS built on the Unity game engine and C#, using techniques like instantiation and interpolation.
- Experimented with 3D modeling using Blender to create and modify 3D models to be used in-game.

Pomobozo Python, Tkinter, Pyinstaller

- An easy-to-use pomodoro timer built on Tkinter and Python.
- Used pyinstaller to package files into a functional executable for others to use.
- Created an experimental login system using file reading/writing operations.

PyJot Python, Tkinter, Pyenchant

- A lightweight notepad application built on Tkinter and Python.
- Created a fully functioning file saving, loading and creating system. Employed pyenchant library to enable spell checking for users.

## **SKILLS**

Intermediate in: Python, C# (Unity)
Basic in: Git, GitHub, HTML, CSS