**Moaz Abdelmonem**

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**ACADEMIC & CO-OP STATUS**

**Computer Engineering Co-op - Software Option, University of Alberta** Class of 2025

Cumulative Grade Point Average 3.9/4.0

Completed Academic Terms 4 of 8

Completed Co-op Work Terms 1 of 5

Availability Starting Jan 2022 8 months

**TECHNICAL SKILLS**

**Programming Languages & Databases:** Python, C/C++, HTML5, CSS, JavaScript, VHDL

**Design**: Figma, CutStudio, 3DPrinterOS

**Equipment:** Desktop FDM Printer, Vinyl Cutter

**MS Office:** Word, PowerPoint, Excel, Teams

**PROJECT EXPERIENCE**

**Game Programmer (Self-Developed project)** Jan. 2022

* Created a single player game using python where you take control of a spaceship and defend yourself against invaders
* Programmed game aspects, including interface, game weapons, health bar, enemy spaceships, etc. using Object-oriented programming
* Designed and arranged the levels

**Automation Engineer (Self-Developed Project)** Sep. 2021

* Created a Python program that obtains all the occupied rows and columns from excel file containing a sales sheet
* Modified all the prices with respect to any inflation or deflation formula
* Organized the modified data to an output Excel worksheet file

**WORK EXPERIENCE**

**Programming Engineer** May – Aug. 2022

University of Alberta - Edmonton, AB

* Created interactive websites to help students visualize the different program sequences available in engineering programs at the University of Alberta.
* Developed front-end user interfaces using modern JavaScript frameworks, HTML, CSS, and Python
* Implemented a Graphical User Interface application to allow professors generate the website with the use of excel files
* Ensured website responsivity by the use of CSS flexbox layout modeling and media queries

**ADDITIONAL INFORMATION**

**Class 5 GDL** -Access to Reliable Vehicle

**Languages** - English (Fluent), Arabic (Fluent), Spanish (Basic)

**Travel** - Enjoy traveling and adventure; Willing to relocate