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LIFELONG LEARNER

EDUCATION

CARNEGIE MELLON UNIVERSITY | BS IN COMPUTER SCIENCE

Expected June 2025 | Doha, Qatar • Cum. GPA: N/A

PROJECTS

LICENSE PLATE READER | PYTHON

- Created a program in Python that, given an image of license plate, recognises the digits in it through statistical analysis. The program used Python's opencv library for image processing.

BAKERY DATA MANAGER APP | JAVA

- Wrote a Java data base that keeps track customers and their orders using files
- Used OOP concepts to implement a GUI in JavaFX to manage the customers database. The GUI allows adding, deleting, sorting, and updating customers' information.

CONNECT4 GAME | PYTHON

- Wrote a console connect4 game in Python.

ENCODER/DECODER | PYTHON

- Wrote a program that encodes/decodes integer values in Python by utilizing list data structure.

COURSEWORK

UNIVERSITY COURSES

- Fundamentals of Programming and Computer Science
- Differential and Integral Calculus
- Integration and Approximation
- Concepts of Mathematics
- Matrices and Linear Transformations
- Reading and Writing in an Academic Context

EXTRACURRICULAR AND AWARDS

AWARDS

- Gold and bronze medalist | Qatar Karate Championship

EXTRACURRICULAR

- Karate player in QSC
- Member in the CMUQ's Andrew MUN club
- Member in the CMUQ's football club

LANGUAGES

PROGRAMMING

Over 1000 lines:

Java • Python •

Over 500 lines:

C • C++ •

SPOKEN & WRITTEN

Native fluency:

English, Arabic