Iymen Abdella

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SPOKEN LANGUAGES:

Fluent in both English and French.

TECHNICAL SKILLS:

Networking design recommendations for business solutions in network infrastructure. Mitigation of security risks for high security, enterprise grade, networking infrastructure environment.
PowerShell Desired State Configuration for automation, provisioning and configuration of enterprise grade servers in a high security IT environment.
Image/Video Analysis for motion detection and color isolation using OpenCV in Python.
Analysis of data frames for statistical analysis using R programming language.

PERSONAL PROJECTS:

- **Image Processing**
  Used OpenCv in Python to create an algorithm to detect multiple colours in a sample video.

- **Simulation Modelling**
  Determine optimal solution of a simulated problem using Object Oriented Programming.

- **SudokuGame**
  Generates a solvable Sudoku grid using recurrence reduction from a sudoku solution.

- **Pokemon Team Optimizer**
  Implemented a pseudo random simulation to determine the best outcome.

RELEVANT WORK EXPERIENCE:

Core Application Support for Technology Platform Services
Design and implement networking and security improvements for enterprise grade infrastructure. Automation of infrastructure operations.

EDC main HQ
Jan 2018-August 2018

Teacher's Assistant - Computer Architecture (French Section)
Assisted professor in teaching students low level computer architecture.

University of Ottawa
Sept 2017-Dec 2017

EDUCATION:

University of Ottawa *BSc Joint Honours in Computer Science and Mathematics* (Expected Graduation: Winter 2019)

Sept. 2014-present.

VOLUNTEER EXPERIENCE:

VP External of the Computer Science Student Association

May 2017-May 2018