

Iymen Abdella (FR/EN)

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TECHNICAL SKILLS:

Network Security

- Mitigation of network risks in high security IT environment.
- Networking design recommendations to securely satisfy business solutions.
- Auditing of network infrastructure appliances and core infrastructure.

Development and Operations (DevOps)

- PowerShell Desired State Configuration for server configuration and provisioning.
- Automation of core infrastructure in high security IT environment.
- Cloud automation for provisioning and configuration of Virtual Machines.

RELEVANT WORK EXPERIENCE:

Technology Platform Services

- Networking and security team to improve corporation's security posture and provide support for network infrastructure.
- Automation of virtual machines and core infrastructure on premises and in the Azure cloud using PowerShell.
- Automated web application testing using C# and Selenium for core business applications.

EDC main HQ

Jan. 2018-Present

Teacher's Assistant - Computer Architecture (French Section)

- Lab supervision, correction, and teaching for low level architecture.

University of Ottawa

Sept. 2017-Dec. 2017

Teacher's Assistant – Analysis of Algorithms (French Section)

- Corrected assignments and provided 1-on-1 feedback to students.

University of Ottawa

Sept. 2018-Dec. 2018

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.

DDoS Attack Detection Algorithm

Machine learning algorithm to detect SYN Flood Cyber Attacks over a network.

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
RBC Bluesfest Volunteer Supervisor

May 2017-May 2018
July 2018

