

Iymen Abdella
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SPOKEN LANGUAGES:

Fluent in both English and French.

TECHNICAL SKILLS:

Mathematics: PDE, Algorithm Analysis, Regression Analysis, Field, theory, ring theory.

R programming language to manipulate data frames, and determine sample distributions.

OpenCV in python for motion detection, noise reduction color isolation, and shape detection.

HTML and CSS for personal website's user interface and user experience design.

Android Studio for mobile app development

PERSONAL PROJECTS:

- **Image Processing**

Used OpenCv in Python to create a detection algorithm to detect multiple colors in a sample video.

- **Movie Ratings Database**

Implemented CRUD operations in a PostGReSQL database.

- **SudokuGame**

Developed using Java, generates a solvable Sudoku grid using a recurrence reduction technique from a sudoku solution.

- **Pokemon Team Optimizer**

Implemented a pseudo random simulation to determine the best outcome.

RELEVANT WORK EXPERIENCE:

Teacher's Assistant - Computer Architecture (French Section)

Assisted professor in teaching students low level computer architecture.

University of Ottawa

Sept 2017-present

EDUCATION:

University of Ottawa

BSc Joint Honours in Computer Science and Mathematics

Sept. 2014-present

VOLUNTEER EXPERIENCE:

VP External of the Computer Science Student Association

May 2017-present

HOBBIES AND INTERESTS:

- Lead an active lifestyle by working out, playing ultimate frisbee, and basketball.
- Political non-fiction, and fantasy fiction literature.