Shashwat Murawala

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Programming Languages: Python, Racket, SQL, C/C++, Bash, LaTex, HTML/CSS, JavaScript
Frameworks/Technologies: Tkinter, TensorFlow, NumPy, OpenCV, Pandas, Linux, Git, Power Query, Keras
Software and Tools: Visual Studio Code, Visual Studio, Power BI, MySQL, SQL Server Management Studio, Adobe Photoshop, Microsoft Office, Google Workspace, Figma

EDUCATION

University of Waterloo   **Sept. 2022 - Present**
- Candidate for Bachelor of Computer Science, Honours, Co-op with President's Scholarship of Distinction

PROJECTS

Personal Website | Github Code | (HTML, CSS, JavaScript)
- Developed a personal website to showcase my skills, expertise, and a collection of my best work

Gender and Age Detection | Github Code | (Python, OpenCV)
- Developed a program which identifies the approximate age and gender of the person in the image through machine learning and data analysis

Ambulert | Github Code | (Python, Dart, Flask, Flutter, Azure, Vincenty)
- Developed a program in a team that warns citizens about an incoming ambulance through leadership and creativity

Sudoku Solver | Github Code | (Python, OpenCV, Numpy, Tensorflow, Imutils)
- Designed an algorithm which solves the sudoku board in the image with the use of problem-solving

Foodar | Github Code | (Python, CSS, JSON, Angular, Pandas, Typescript)
- Developing a program with a team that gives the user the closest restaurants based on their preferences through collaboration and teamwork

Agenda | Notion Template | (JavaScript)
- Designed a Notion Template which allows the user to keep track of their due dates and upcoming evaluations utilizing organization and time management

Robot Worm | (Python)
- With the mentorship of Timothy Busbice, built a worm brain code uploadable to a Lego EV3 robot through active-listening and willingness to learn

ACHIEVEMENTS

TDSB Staff Scholarship Award
- Given to someone who has demonstrated academic excellence and contributed community

LANXESS Scholarship Award
- Given to someone with an excellent academic record and exceptional extra-curricular involvement

Ontario Science Centre Science School
- 1 of 25 students chosen out of Ontario to attend Semester 79 at the Ontario Science Centre Science School

picoCTF 2021
- Placed 8th in Canada and 61st in the world

Math Caribou Cup 2019-2020
- Placed 25th in Canada and 61st in the world

Beaver Computing Challenge 2019
- Earned Honor Roll and placed in Group 3

WORK EXPERIENCE

University of Waterloo Store   **Waterloo, ON**
Store Associate   September 2022 - Present
- Assisted customers with online order pickup
- Restocked merchandise

Toronto Transit Commission   **Toronto, ON**
Summer Student, Subway Janitor   July 2022 - September 2022
- Maintained a safe and clean environment
- Completed detailed cleanings of closed subway stations overnight

Ontario Science Centre   **Toronto, ON**
Student Host   December 2021 - January 2022
- Provided customer service to a sufficient degree
- Enthusiastically and proactively engaged with visitors