YU MAO

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EDUCATION

University of Waterloo   Sep. 2023 – Apr. 2028
Bachelor of Mathematics in Computer Science

EXPERIENCE

Meat Clerk | *Part-time*   Apr. 2023 – Aug. 2023
Longo Brothers Fruit Markets inc   *Oakville, ON*
- Developed communication and problem-solving skills through interaction with customers
- Boosted adaptability and teamwork skills through diverse collaboration and schedule coordination
- Enhanced responsibility skills by ensuring that both products and equipment always adhered to the required standards

PROJECTS

Object Detection with Voice | *Python, OpenCV, YOLOv5, YOLOv8, pyttsx3*   Jan. 2022, Dec. 2023
  * Connected YOLOv5's pre-trained models that are trained with COCO dataset with CV2 library
  * Implemented pyttsx3 library for offline usage at any location
  * Updated the model from YOLOv5 to YOLOv8, along with presenting the confidence level

Personal Portfolio Website | *HTML, CSS, Javascript*   Dec. 2023
  * Implemented responsive features
  * Developed the UI to be user-friendly to both mobile and desktop

ACHIEVEMENTS

2022 American Mathematics Contest 12 A | *Certificate of Distinction, Qualification for the 2023 AIME*   Dec. 2022

2022 CEMC Euclid Mathematics Contest | *Certificate of Distinction*   May. 2022

2022 Bay Area Science and Engineering Fair | *Inspiration Student Award*   Mar. 2022

2022 Bay Area Science and Engineering Fair | *Silver Merit Award*   Mar. 2022

2022 Canadian Senior Mathematics Contests | *Certificate of Distinction*   Jan. 2023

2021 American Mathematics Contest 12 A | *Certificate of Distinction, Qualification for the 2022 AIME*   Dec. 2021

TECHNICAL SKILLS

Languages: Python, Java, HTML, CSS