Liuyue Li

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Education

3nd year ECE in University of Toronto(cumulative GPA 3.03)

Experience

5 2023 - 8 2023

WAYTOUS, BEIJING – *researcher*

- Drowsiness detection with YOLOV5 on Jetson Nano. The project is based on python and implemented by a model called YOLOV5. A technical report was created and can be provided if needed. The general steps goes below: hardware selection, algorithm implementation, model modification, dataset collection, dataset manipulation. training, load model and testing.

6 2021 - 8 2021

Liberta educational institution, WUHAN – *tutor and consultant*

- Tutor peers IELTS reading and basic calculus
- Provide feedback to teachers
- Schedule classes for teachers
- Serve as consultant to solve problems and provide information to students and their parents

Technical skills:

- Programming languages:
  - Python
    - Accomplished Drowsiness detection with model written in python and manipulate the code to optimize the accuracy of detection
  - C programming
    - Reversi game: Create a reversi game that enables human players to play against a simple ai in C language
- Matlab
  - Simulink
  - Manipulate signals and systems
  - Basic matlab language
- Quartus and Modelsim
  - Implement digital system using verilog code and stimulate the system to generate graphs
- Circuit building:
  - Set up circuits on breadboard