

RON TIEU

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EDUCATION

[Ryerson University](#)

2015 – 2019 (Expected)

Candidate for Bachelor of Engineering (Computer Engineering)

SKILLS

[Programming Languages](#)

Java, C, Python, Javascript

[Technologies](#) | [Tools](#) | [Programs](#)

Git, jQuery, Android SDK, VHDL, x86 Assembly, AutoCAD

PROJECTS

[Tic Tac Toe](#)

- Implemented the game tic-tac-toe in Java
- The minimax algorithm is used by the AI along with the alpha-beta pruning optimization to make the best possible moves

[Media Center](#)

- Implemented a media center onto an Arm Cortex-M3 microcontroller in C
- Functionality included setting up an USB connection to stream audio from the USB port and proper USB disconnection from the microcontroller
- A reaction game was implemented onto the hardware to be played using the joystick

[Android Application](#)