RON TIEU

✉ rontieu@hotmail.com   ⊙ rontieu   in Ron Tieu   🔗 rontieu.com

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/ARM 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 of the media center included a photo gallery, reaction game, and music player
- The music player involved setting up USB connection to stream audio with a potentiometer that could be adjusted to change the speaker volume

Banking System

- Implemented a banking system in Java using OOP principles including inheritance, polymorphism, and encapsulation
- An administrator account could create, manage, and delete user accounts
- Users could login to the system to create and manage a chequing or savings account, transfer funds between the two bank accounts, or request a transfer of funds from a different user