RON TIEU

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EDUCATION

Ryerson University   Fall 2015 - Spring 2019 (Expected)

Candidate for Bachelor of Engineering (Computer Engineering)

SKILLS

Programming Languages

Java, C, Python, Javascript

Technologies | Tools | Programs

Linux, Windows, Git, SQL, jQuery, HTML, CSS, VHDL, x86/ARM Assembly, MATLAB, AutoCAD, Microsoft Office

Personal Skills

Hard-working, Motivated, Independent, Perseverant, Collaborative

PROJECTS

Banking System

- System included administrator accounts that could create, manage, delete user accounts
- Users could login to the system to manage a chequing or savings account, transfer funds between bank accounts, and transfer funds to different users

Media Center

- Implemented a media center onto an ARM Cortex-M3 microcontroller
- Functionality of the media center included a photo gallery, music player, and implementation of the classic game snake

Peer-to-Peer File Transfer Application

- Index server keeps track of all the active files in the client servers
- Clients can to send requests to the index server to register, search, upload, and download content using both TCP and UDP file transfer protocols

Predicting Users' Unobserved Future Interests (In Progress)

- Uses Natural Language Processing and Information Retrieval to predict users' unobserved future interests over Twitter
- The Latent Dirichlet Allocation (LDA) was the clustering algorithm used to form topic models from the given data
- Considers the temporal evolution of users' explicit and implicit interests using Dynamic Heterogeneous Information Networks