

# RON TIEU

SOFTWARE DEVELOPER

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## SUMMARY

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I'm a Computer Engineer who has broad interest in software development. I enjoy programming and working in web development. I enjoy creating applications with Java and Python on desktop in both Windows and Linux. I also enjoy everything from working, testing, and developing with the Android mobile operating system, especially with the latest releases.

## EDUCATION

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**Ryerson University**

Sept. 2015 - May 2019

B.S. Computer Engineering 2019

## EMPLOYMENT

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**City of Toronto**, *Camp Counsellor*, Agincourt Recreation Centre

July 2012 - Aug. 2016

## SKILLS

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**PROGRAMMING LANGUAGES:** Java, Javascript, Python, C, C++

**TOOLS | TECHNOLOGIES | FRAMEWORKS:** ReactJS, Redux, NodeJS, ExpressJS, Git, SQL, jQuery, HTML, CSS, MATLAB, VHDL

## PROJECTS

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### Twitter Interest Prediction

- Used the TagMe API to parse twitter information into an SQL database
- Manipulated and modeled database in Python using pandas, numpy, scikit-learn and gensim libraries
- Clustered information from the database using Google's Cloud services

### Chatroom Messenger

- Created a chatroom application in Java which allowed users to login and communicate with each other through a central server
- Stored user information and chatroom logs into an SQL database

### Peer-to-Peer File Transfer

- Created an application in C that allowed users to upload, download, search, and delete files from a central server
- Implemented file transferring between users using TCP and UDP

### Media Center

- Implemented a media center onto a ARM Cortex-M3 microcontroller
- System allowed users to view images, stream audio via USB connection, and played an implementation of the Snake game