

## EDUCATION

**BACHELOR OF STATISTICS AND COMPUTER SCIENCE** – GPA: 3.80  
*McGill University, Montreal, Quebec* 2012–2015  
(expected)

## PERSONAL PROJECTS

### CUSTOM E-BOOK READER WITH BOOKMARKING FEATURE

- Familiarize with DOM Storage. 2014–pre
- Project requested by a client.

### KEYBOARD MINESWEEPER

- Experimenting game making with 2014  
javascript, HTML and CSS.
- Redesign minesweeper to work with keyboard.

### TWEET SCRAPING

- Collect and analyze Twitter tweets in 2013–2014  
Python
- Implemented red-black tree data structure.

### DUNGEON CRAWLER GAME MAKING

- Designed a dungeon crawler with 2009–2010  
Game Maker.
- Maintained more than 100 rooms and objects.

### BLOGGING

- Maintained blogs for further discussions 2011–pre  
on interesting problems seen in class  
since high school.

## EXPERIENCES

### SUMMER RESEARCH ASSISTANCE

*Network Dynamics @ McGill University, Quebec*

- Implemented 6 existing geographical lo- 2014  
cation inference methods in published  
literature to infer Twitter tweet and users.
- Familiarize with machine learning models and optimization algorithms.
- Enhanced working skills with UNIX system and code version control.

### GoCODE 2014 (INTERNAL HACKATHON)

*Network Dynamics @ McGill University, Quebec*

- Designed a tool to annotate toponyms in tweets using ark-nlp and phonetics. 2014
- Gathered location data from DBPedia using SPARQL.
- Attempted to map GADM shapefiles to DBPedia data using RDF files.

### DELTA-EPSILON EDITOR

*McGill University, Quebec*

- Edit research articles for the university's undergraduate math journal. 2014

### COSTUMER SERVICE FOR POST CANADA, PART-TIME JOB

*London Life, Montreal, Quebec*

- Wrote a C# program to quicken the time required to sum up the total sell. 2012–2013

## YI TIAN XU

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## OBJECTIVE

Full-time job on graduation or intern-  
ship (before masters)

Seeking to develop strong working  
skills and experiences.

Interested in problem solving, soft-  
ware design and data analysis.

## LANGUAGE

Fluent in English and French

Fluent in spoken Mandarin

## COMPUTER SKILLS

Python, Java, C, C#, C++, SML

Javascript, HTML, CSS

MATLAB, R,  $\text{\LaTeX}$ , UNIX, ROS

Photoshop

## INTEREST

Art crafting, writing fictions,  
photography, traveling,  
"latexing" course notes