

## EDUCATION

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

## PERSONAL PROJECTS

**E-BOOK READER WITH BOOKMARKING FEATURE** 2014–pre

- Familiarize with DOM Storage.
- Project requested by a client.

**KEYBOARD MINESWEEPER** 2014

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

**TWEET SCRAPING** 2013–2014

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

**DUNGEON CRAWLER GAME MAKING** 2009–2010

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

**BLOGGING** 2011–pre

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

## EXPERIENCES

**SUMMER RESEARCH ASSISTANCE** 2014

*Network Dynamics @ McGill University, Quebec*

- Implemented 6 existing geographical location 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)**

2014

*Network Dynamics @ McGill University, Quebec*

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

**DELTA-EPSILON EDITOR**

2014

*McGill University, Quebec*

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

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

2012–2013

*London Life, Montreal, Quebec*

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

## YI TIAN XU

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yi.t.xu@mail.mcgill.ca

ytixu.github.io/HTMLdump

github.com/ytixu

ca.linkedin.com/in/yitianxu

goldenratiphi.wordpress.com

## OBJECTIVE

Full-time job or internship (before masters)

Seeking to develop strong working skills and experiences.

Interested in problem solving, software design and data analysis.

## LANGUAGE

Fluent in English and French

Fluent in spoken Mandarin

## COMPUTER SKILLS

Python, Java, C, SML

Javascript, HTML, CSS

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

Photoshop, Microsoft Office

UNIX

## INTEREST

Art crafting, writing fictions, photography, traveling