

EDUCATION

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

PERSONAL PROJECTS

SIMPLE WEB DESIGN 2014–pre

- Create a personal website in Javascript, HTML5 and CSS.
- Familiarized with Github, DOM Storage, JQuery, MathJax.
- Implemented a minesweeper game.

GIN RUMMY 2014

- Explore OOP, design patterns, unit testing and draw UML diagrams.
- Designed an entire card game software with GUI and AI player on Java.

TWEET SCRAPING 2013–2014

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

BLOGGING 2011–pre

- Maintained blogs on Wordpress for discussions on problems seen in class.
- Currently writing on a self-made website, discussing about math and programming problems.

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.

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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, \LaTeX

Photoshop, Microsoft Office

UNIX

INTEREST

Art crafting, writing fictions, photography, traveling