

EDUCATION

BACHELOR OF STATISTICS AND COMPUTER SCIENCE – GPA: 3.80

McGill University, Montreal, Quebec

2012–2015
(expected)

PERSONAL PROJECTS

WEB DESIGN

2014–pre

- Created a personal website in Javascript, HTML5 and CSS.
- Familiarized with Github, DOM Storage, JQuery, MathJax.

GAME DESIGN

2014–pre

- Created 3D games on Unity in C#. Familiarized with modern games designs and algorithms.
- Created web games. Familiarized with drawing and animating graphics on HTML canvas.
- Created a card game in Java with GUI and AI players. Familiarized with OOP, design patterns, unit testing and UML diagrams.

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 location.
- 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

LANGUAGE

Fluent in English and French

Fluent in spoken Mandarin

COMPUTER SKILLS

Python, Java, C#, C

Javascript, HTML, CSS

R, MATLAB, \LaTeX

Photoshop, Unity

UNIX

INTEREST

Art crafting, writing fictions,
photography, traveling