YI TIAN XU

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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.

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