

MENG DONG

4B Computer Science and Statistics

Work experience

Research Assistant

University of Waterloo

2017.1 - 2017.4

- Worked with the Information Retrieval Group
- Extended technology assisted review tool AutoTAR to experiment with retrieval on multilingual collections using character 4-gram as features.
- Launched the experiments and analyzed the results.

Summer Research Intern

Swiss Federal Institute of Technology (EPFL)

2016.6 - 2016.9

- Worked in the Distributed Information System Laboratory.
- Implemented web crawlers to retrieve the data and carried out data-driven analysis over three popular crowdsourcing forums using Spark.
- Exposed to Natural Language Processing and Information Retrieval techniques when analyzing forum posts and solving problems like coreference resolution.

Software Developer Intern

EMC Corporation

2015.5 - 2015.8

- Fixed bugs in Perl and KSH scripts for engineering automation framework in database backup and recovery team.
- Added test cases and documentations for various types of database.

Application Support Intern

Citigroup

2014.9 - 2014.12

- Day to day application monitoring and delivering support to application users. Investigating and resolving application errors, data discrepancies and queries.
- Developed the web application AutoTask for multiple teams to automate the jobs executed with provided scripts with a team from scratch using Python.

Projects

Happy Diary

React | Electron

- A Desktop app built with web technologies helping users keep tracking of mood
- 2017 Equithon Finalist and winner of mental health track

Fitts's Law HCI Experiment

JavaScript | CSS | Python

- An Human-computer Interaction research project on how curiosity influences the result of Fitts's Law, a predictive model of movements
- Designed the experiments and developed a Flask application as crowdsourcing task interface.

Blink

React Native

- A multi-platform social app helping users organize group events
- The app supports basic CRUD operations for the events, participants invitation and location

Education & Skills

Candidate for Bachelor of Mathematics

2013.9 - 2018.4 (Expected)

University of Waterloo

- Program: Computer Science and Statistics, Co-op
- President's Entrance Scholarship, Term Dean's Honours List
- UW - Global Engagement Leadership Program
- Marker of undergraduate-level courses in Math faculty

