Qing Hong

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EDUCATION

University of Minnesota, Twin Cities	**Minneapolis, MN**
Master of Science in *Computer Science*	*Aug. 2017 - May. 2019 (Expected)*
Tongji University	**Shanghai, China**
B.Eng. in *Software Engineering*	GPA: *88.5/100*	*Sept. 2013 - June. 2017*
The Hong Kong Polytechnic University	**Hong Kong**
Exchange Student in *Department of Computing (COMP)*	*Jan. 2017 - May. 2017*

SKILLS

Programming Languages: JavaScript, Python, Java, R, MATLAB
Techniques: AJAX, jQuery, MySQL, Oracle, Django, Git, Shell

WORK EXPERIENCE

PerkinElmer, Inc.	**Shanghai, China**
Intern of R&D Department	*July. 2016 - Nov. 2016*

- Developed relative component extensions for Spotfire 7.7.
- Implemented qualification assurance for Spotfire and ChemDraw Cloud with Airbnb Javascript Style Guide.

Xiaoguo Tech.	**Shanghai, China**
Back-end Developer	*Mar. 2016 - June. 2016*

- Developed the backend for Gambition - an online English Learning System with Hibernate and JavaEE.
- Implemented data processing and storage on LeanCloud, a cloud service provider.

PROJECT EXPERIENCE

BI System - A Hospital Information Management System	**Shanghai, China**
Front-end Engineer	*June. 2017 - Aug. 2017*

- Implemented various interfaces involved in data exchange in client-server communication and visual display with jQuery, Bootstrap and AJAX.

Real-time Analysis and Display of Barrage Comments	**Hong Kong**
Graduation Design Work	*Jan. 2017 - May. 2017*

- Mined and cleaned data from barrage comments, a new style of comments on video websites.
- Analyzed the emotions of barrage comments in time series with sentimental dictionary.
- Built a model of user relation network with DTW to measure similarity and LDA to cluster comments and users.

Data Mining of Movie Reviews	**Shanghai, China**
Data Analyst	*Sept. 2015 - Jan. 2016*

- Retrieved movie reviews data from Amazon with Python and ETL tools.
- Implemented mathematical models and analyzed review text with Hadoop and Hive.

PUBLICATION

[1] **Qing Hong**, Siyao Wang, Qinpei Zhao, Jiangfeng Li and Weixiong Rao. User group classification based on barrage comments and clustering algorithms, CCFBigData 2017, Shenzhen, China.

HONOURS & AWARDS

Year	Award	Institution
2016	Outstanding Graduate (Top 10%)	Tongji University
	Google Student Innovation Project (Top 37 nation-wide)	Google
	National Endeavor Scholarship	Ministry of Education of the PR China
2015	Huate Scholarship (Top 10%)	Tongji University
	Outstanding Student Award (Top 5%)	Tongji University
	National Endeavor Scholarship	Ministry of Education of the PR China
2014	Second-class Scholarship (Top 15%)	Tongji University