HONGNING YUAN

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EDUCATION	**Columbia University**, New York, USA	
	Master of Science in Computer Science	Expected Dec 2017
	• Current GPA: 3.42	
	City University of Hong Kong, Kowloon, Hong Kong	
	Bachelor of Science in Computer Science	Jun 2016
	• Graduated with First Class Honors. Cumulative GPA: 3.5 (Top 10%)	

PROJECT EXPERIENCE

Step by step - Walking, Running and Ranking Dec 2016 – Jan 2017
An iOS pemometer and running app
- Designed and developed the app individually (Full stack)
- Provided global leaderboard feature for running distances
- Implemented user registration and integrated Facebook/Google log in
- Published on App Store

Going Viral Nov 2016
A web application that simulates the burst and spread of a plague.
- Collected real life flight data (over 250000 airline records) for simulation
- Built with Spark, Kafka, Django and Bootstrap
- Deployed on Amazon Web Services

Linux Weighted Round-Robin Scheduler Oct 2016
A start-up boosted custom Linux scheduler
- Built the scheduler from scratch in a three-person team
- Implemented the load-balancing feature
- The scheduler functioned well in Huawei Honor 5X Android phone

WORK EXPERIENCE

The Hongkong and Shanghai Banking Corporation, Hong Kong
Industrial placement trainee, Software Delivery Aug 2014 – Jun 2015
- Took part in the development of SWF Wab engine, a web banking application
- Conducted user acceptance test and system integration test on the new phone banking hotline
- Assisted in managing working items and schedule for the team
- Provided general support to the development team

RESEARCH EXPERIENCE

Chinese Academy of Sciences
Research Student, Shenzhen Institutes of Advanced Technology Jun 2015 – Aug 2015
- Topic:Facility location problems with optional preference
- Proposed the new optional preference model in the field and provided corresponding solutions

Kyushu University
Research Student, Multi-agent Systems Laboratory Dec 2015 – Jan 2016
- Topic: False-name-proof Mechanism Design without Money
- Explored the optional preference model under false-name-proof settings

PUBLICATIONS

Hongning YUAN, Kai Wang, Ken C.K. Fong, Yong Zhang, Minming Li. 'Facility Location Games with Optional Preference' in *22nd European Conference on Artificial Intelligence, 29 August–2 September 2016, The Hague, The Netherlands*

ACADEMIC HONORS & AWARDS

Bronze Medal, ACM ICPC 2015 Asia Beijing Regional Contest	2015
Dean's List, College of Science and Engineering, CityU	2015
CityU Mainland Student Scholarship	2012 – 2016

SKILL SET

Programming languages: Java, Swift, C++, Python, C#
Toolkits: iOS dev, Django, AWS, MYSQL