

HONGNING YUAN

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EDUCATION	Columbia University , New York, USA	
	Master of Science in Computer Science • Current GPA: 3.42	Expected Dec 2017
	City University of Hong Kong , Kowloon, Hong Kong	
	Bachelor of Science in Computer Science • Graduated with First Class Honors. Cumulative GPA: 3.5 (Top 10%)	Jun 2016
PROJECT EXPERIENCE	Step by step - Walking, Running and Ranking	Dec 2016 – Jan 2017
	An individual iOS pedometer and running app <ul style="list-style-type: none">• Designed and implemented full running app functionality (GPS tracking, logging etc.)• 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. <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• 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 • Developed and tested the banking web application • Tested the new phone banking hotline system • Provided general support to the development team	Aug 2014 – Jun 2015
RESEARCH EXPERIENCE	Chinese Academy of Sciences	
	Research Student, Shenzhen Institutes of Advanced Technology • Topic: Facility location problems with optional preference • Proposed the new optional preference model in the field and provided corresponding solutions	Jun 2015 – Aug 2015
	Kyushu University	
	Research Student, Multi-agent Systems Laboratory • Topic: False-name-proof Mechanism Design without Money • Explored the optional preference model under false-name-proof settings	Dec 2015 – Jan 2016
PUBLICATIONS	Hongning YUAN , Kai Wang, Ken C.K. Fong, Yong Zhang, Minming Li. 'Facility Location Games with Optional Preference' in <i>22nd European Conference on Artificial Intelligence</i> , 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: Swift, Java, C++, Python, C# Toolkits: iOS dev, Django, AWS, MYSQL	