JIACHENG LIU

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EDUCATION

Columbia University   **New York, NY**

- Master of Science in Computer Science   Expected December 2017

Relevant Coursework: Cloud Computing, Operating Systems, Algorithms, Programming and Problem Solving

City University of Hong Kong   **Hong Kong**

- Bachelor of Science in Computer Science, GPA 3.87 (First Class Honor)   July 2016

Relevant Coursework: Mobile Computing, Cloud Computing, Data-Intensive Computing, Topics on Computer Security

SKILLS

- Programming Languages: Java, Groovy, Python, Javascript, HTML, Scala, Octave, SQL, C
- Toolkits and platforms: MySQL, Shell, Git, Maven, Spark, Pig, MapReduce, Hadoop, AWS
- Frameworks: Grails, Spring, Hibernate, Django, Bootstrap

WORK EXPERIENCE

HSBC LTD., Hong Kong   June 2014 – June 2015

Industrial Trainee, Futures IT, Global Banking and Markets

- Maintained and supported 3 derivative trading systems with 11 servers and several hundred traders
- Worked with international counterparts in system upgrading, testing and customer service
- Took part in inter-department development of a Global Change Management Web Application
- Implemented data persistence layer in Java on Spring and Hibernate frameworks
- Received a return offer as Technical Officer

PROJECT EXPERIENCE

Website for Company GenetiCODE   May 2016 – August 2016

- Developed the website of GenetiCODE, a startup in Hong Kong, in Python on Django framework
- Implemented functions of product viewing and order placing

Sina Microblog User Study Web Application (Final Year Project)   September 2015 – April 2016

- Designed and implemented a microblog user data mining and visualization web application
- Applied multiple prediction and clustering models to study user interest and network from various perspectives
- Provided an asynchronous web console to track and view user study jobs
- Developed backend in Java and Groovy on Grails framework, frontend in AJAX on Bootstrap framework

QNO, an Electronic Queueing Application   December 2015 – March 2016

- Designed a mobile application enabling users to queue for restaurants electronically
- Implemented server side application and provided a RESTful interface to mobile app

Trending Word Extraction on Multiple Platforms   September 2015 – December 2015

- Developed keyword extraction function using TextRank algorithm
- Implemented, evaluated and compared the same functionality on MapReduce, Pig and Spark

AWARDS AND SCHOLARSHIPS

- Gold Award in the JOS Innovative IT Project Awards (Project QNO)   2016
- HKSAR Government Scholarship   2014 - 2016
- City University Half Tuition Scholarship   2012 - 2016