

SIHAN LIU

Westmar Student Lofts Room 328, 800 West Marietta Street NW, Atlanta GA 30318

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EDUCATION

Georgia Institute of Technology, Atlanta, GA Graduate in May 2018

Master of Science in Computer Science (GPA: 4.0)

- *Academic courses:* Computer Networks, Database Management, Enterprise Computing, Machine Learning for Trading, Video Game Design, Big Data Systems and Analytics, Data & Visual Analytics
- *Project:* - Android application for smart recipe recommendation (smart refrigerator & recipe search)
 - Geographic information tool for dynamic search (GIS web application)
 - Single player adventure game (Unity)
 - Secure Routing Protocol for Mobile Ad-hoc Network System

University of Hong Kong, Hong Kong Graduated in Jun 2016

Bachelor of Science in Quantitative Finance (GPA: 3.57)

- *Awards:* Dean's Honours List 2014-2015
- *Minor:* Computer Science (GPA 3.74)
- *Project:* - Applying Gale-Shapley algorithm in optimization of college admission system in China
 - Financial derivative product design and pricing by using R

INTERNSHIP

Rakuten, Inc., Tokyo, Japan Jun 2017 – Aug 2017

Application Engineer

- Design, development and testing of Java SDK for Rakuten Pay Online LITE
- Automation of traffic analysis of Rakuten Pay Online LITE SDK on GitHub
- Regular maintenance and update for Rakuten Pay LITE manual web page

China Merchants Bank, Tianjin, China Jul 2014 – Aug 2014

Account Manager Assistant

- Regular update of clients' information through internal information system
- Assisted in credit risk evaluation and report conduction for corporate customers

Tianjin CIMC Logistics Equipment Co. LTD, Tianjin, China Jun 2013 – Aug 2013

Accountant

- Daily input of journal entry through internal financial system
- Assisted in conducting cost analysis using Excel spreadsheet

SKILLS

Programming

- Computing: Java, C/C++, Python, PHP, JavaScript, HTML, C#, Haskell, R, Excel VBA
- Database: MySQL, PostgreSQL, MongoDB
- Operating systems: Windows, Linux

Communication

- Languages: Native in Mandarin, conversational level Japanese (JLPT N1)
- Communication: teamwork, presentation

Other

- Microsoft Office: Excel, Word, PowerPoint

ACTIVITIES

HKU M.Dance Society Sep 2014 – Jun 2016

Graduate Teaching Assistant (Database Systems) Jan 2017 - Now