

Yue Han

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Education

Harbin Institute of Technology

Bachelor (expected) of Computer Science and Technology, GPA – 90.6/100

2015–Present

Experience

USC Summer Research Internship - Visiting Scholar

- Researching on reasoning on knowledge graphs.

University of Southern California

Summer 2018

Cambridge Summer Exchange Programme - Exchange Student

- Researched and Surveyed 60 persons about Social Inequality in Britain and make the research report.
- Achieved the scholarship for the excellent performance as “Best Individual”.

Cambridge

Aug 2017

High Level Programming Language (C) Course - Teaching Assistant

- Class and Experiment Q&A .

HIT

Fall 2016/2017

HIT ACM Summer Training 2017 - Lecturer

- Lectured about search and divide and conquer algorithm.

HIT

Summer 2017

The 3rd International Cultural Carnival of Harbin Institute of Technology - Volunteer

- Helped Ethiopian students organize booth activities and dance performance.

HIT

Jun 2017

Publications

[1] R. Zhu, Z. Zou, **Y. Han**, S. Yang, J. Li, QuickIM: Efficient, Accurate and Robust Influence Maximization Algorithm on Billion-Scale Networks, *submitted to SIGMOD*

Projects

Research of Query and Analysis on Knowledge Graph - Project Leader

- Supported by Student Innovation Training Program of Honors School of HIT. Dec 2016–Mar 2018
- Proposed an efficient subgraph matching approach based on graph database for complex query on RDF data.
- Designed an efficient query graph simplifying and memory management strategy to accelerate the process of subgraph matching.
- Research Paper *Answering Complex RDF Query by Subgraph Matching on a Single Machine* was included by proceedings of The 10th Student Academic Forum of Harbin Institute of Technology and obtained the Second Prize.

HIT

Intelligent Personal Assistant - Developer

- Developed in Harbin Institute of Technology International Summer School—
“Cutting edge of Computer Science and Technology-Sensing the world and making life intelligent project”.
- Developed the mail and image searching function in the application.
- Achieved the Best Creating & Idea award.

HIT

Jul 2017

Friend Reader Application - Developer

- An application to grab, integrate and analyze the activities of friends on multi social platform. Fall 2017
- The application can analyze the activeness and interests of friends. It can also build a social network and analyze the hot topics between friends.

HIT

Selected Honors & Awards

Competition.....

2017: Gold Medal, The ACM-ICPC Asia Regional Contest Shenyang Site (top 10% out of 180 teams)

2017: Gold Medal, CCF Collegiate Computer Systems & Programming Contest (Rank No.12 among 404 competitors)

2017: First Prize, Contemporary Undergraduate Mathematical Contest in Modeling (top 292 out of 33062 teams)

2016: Gold Medal, Northeast Collegiate Programming Contest (top 10%)

Scholarships & Honors.....

2017: China National Scholarship (highest level of scholarship set by the government of China)

2017: Provincial-Level Merit Student in Heilongjiang province (top 3 out of 414 students)

2016: CASC Scholarship (top 10 out of 714 students)

2016: First-class People's Scholarship (top 5% out of HIT students)

Technical Skills

Languages: C/C++, Python, Java, MATLAB, L^AT_EX, Pascal, BASIC

Experiences: Linux, Git, Hadoop, Spark, Android Studio, Vivado, PyTorch