

QIU Yuan

Curriculum vitae

PUBLICATIONS

Yuan Qiu, Serafeim Papadias and Ke Yi. "Streaming HyperCube: A Massively Parallel Stream Join Algorithm." International Conference on Extending DataBase Technology (EDBT), March 2019. Short paper.

WORK EXPERIENCE

Jan 2019 – May 2019

Database Kernel Team, Alibaba Group

Intern Engineer

Implemented academical algorithms into the commercial database system AnalyticDB.
Performed research on algorithms that boost optimizer efficiency.

Sept 2018 – Dec 2018

Computer Science Department, HKUST

Teaching assistant

Course: Honors Design and Analysis of Algorithms (COMP 3711H)

Achieved 92.2% in student feedback evaluation.

Feb 2018 – May 2018

Computer Science Department, HKUST

Teaching assistant

Course: Design and Analysis of Algorithms (COMP 3711)

Achieved 80.0% in student feedback evaluation.

Sept 2017 – Dec 2017

Computer Science Department, HKUST

Teaching assistant

Course: Honors Design and Analysis of Algorithms (COMP 3711H)

Achieved 91.3% in student feedback evaluation.

RESEARCH PROJECTS

2016 **WiFi Tracking and User Analytics**
Final Year Undergraduate Project
Supervised by Prof. Gary Chan

2014 **Direction-Based Trajectory Simplification**
UROP Project
Supervised by Prof. Raymond Wong

📍 104D, Tower A, HKUST
Clear Water Bay, Kowloon, Hong Kong
☎ +852 5299 2788
✉ yqiuac@cse.ust.hk
🌐 QiuTedYuan.github.io

EDUCATION

2019 – Present **PhD in Computer Science**
HKUST
Supervised by Prof. Ke Yi

2017 – 2019 **MPhil in Computer Science**
HKUST
Supervised by Prof. Ke Yi

2013 – 2017 **Bsc in Math and Economics, and in Computer Science**
HKUST
First Class Honors

COMMUNICATION SKILLS

MANDARIN Native
ENGLISH Good
CANTONESE Fair

SOFTWARE SKILLS

GOOD LEVEL Java, Scala, Spark, MySQL, Python, \LaTeX , Markdown

INTERMEDIATE Unix, Git, C++, HTML/CSS, Emacs

BASIC LEVEL Vim, Flink

AWARDS

2019 **Hong Kong PhD Fellowship**
Research Grants Council, HKSAR

2018 **Postgraduate Studentship**
HKUST

2017 **Academic Achievement Medal**
HKUST

- **Reaching Out Award**
HKSAR Government

- **Chern-Class Achievement Scholarship**
Math Department, HKUST

2015 **The Cheng Foundation Scholarship**
Cheng Foundation

2013 **Kerry Holdings Limited Scholarship**
Kerry Holdings