HAOQIAN ZHANG

Curriculum Vitae

408C, Tower A
Hong Kong University of Science and Technology
Clear Water Bay, Hong Kong
✆ +85290632087
✉ haoqian.zhang@connect.ust.hk

Educational Background

2017-2019   **Hong Kong University of Science and Technology**, Hong Kong

Program: Master of Philosophy in Computer Science and Engineering, School of Engineering

GPA: 3.8/4.3

Supervisor: Professor Ke Yi

2013-2017   **Peking University**, Beijing, China

Program: Bachelor of Computer Science, School of EECS

Major GPA: 3.50/4.0

Overall GPA: 3.44/4.0

2016   **National Taiwan University**, Taipei, Taiwan

Exchange College: Electrical Engineering and Computer Science

2015   **Israel Institute of Technology**, Haifa, Israel

Summer School: Introduction to Machine Learning (Engineering and Science Courses)

GRANTED FULL SCHOLARSHIP PROVIDED BY THE COUNCIL FOR HIGHER EDUCATION OF ISRAEL

Publications

Haoqian Zhang, Yaocheng Zhao, Abhishek Paryani, Ke Yi, *Infnote: A Decentralized Information Sharing Platform Based on Blockchain*, TheWebConf 2019, Submitted

Han Luo, Haoqian Zhang, Mingzhu Wang, Jack C.P. Cheng, *Posture Estimation Of Construction Equipment For Construction Site Safety Using Computer Vision Techniques*, CONVR2018, accepted.

Experience

2009–2014   **Tyvj**, *Founder*, an Online Judge Platform for algorithm problems and competitions.

Introduction: In 2012, it had become one of the largest online judge systems for algorithm in China, having more than 40,000 users, 300,000 page views per day and more than 2000 algorithm programs.

2017   **University of Oxford**, *Oxford Martin School, Institute of New Economic Thinking*, Internship.

Topic: Developed state of the art Economic Simulation for Bank of England and European Central Bank

Supervisor: Professor J. Doyne Farmer

2016–2017   **Peking University**, *School of EECS, Department of Computer Science, Microprocessor Research and Development Center*, Research Assistant.

Topic: Code Similarity Analysis Based on Control Flow Graph

Supervisor: Professor Xianhua Liu

| 2014–2016 | **Peking University**, *School of EECS, Department of Computer Science, Artificial Intelligence Lab*, Research Assistant. |

Topic: Gerneral Game Play, AI Battle Platform (Botzone.com) and Game Design

Supervisor: Professor Wenxin LI

| 2016 | **Ben-Gurion University of the Negev**, *Department of Computer Science, Data Mining and Business Intelligence Summer Program*. |

Topic: Anomaly Detection of Cyber Security Attacks aimed at Da Vinci Surgical System

GRANTED FULL SCHOLARSHIP PROVIDED BY THE COUNCIL FOR HIGHER EDUCATION OF ISRAEL

| 2014 | **Nation Olympiad in Informatics 2014**, *Shenzhen, China*, Technical Staff. |

Project: Developing judge system and designing problems for the AI competition.

| 2011 | **Taiyuan Science And Engineering Tiancheng Technology Company Limited**, *Taiyuan, China*, Internship. |

Topic: Developing Mining Management Systems

Teaching

2017-2018	**ACM/ICPC Programming Team**, 2017-2018, 2018-2019, Hong Kong University of Science and Technology, Coach.
2018	**Honors Competitive Programming**, SPRING 2017-2018, Hong Kong University of Science and Technology, Teaching Assistant.
2017	**Compiler Lab (Honor Track)**, SPRING 2016-2017, Peking University, Teaching Assistant.

Awards

2017,2018	Postgraduate Scholarship, HKUST
2014	Tung OOCL Scholarship of Peking University
2014,2015	ACM competition at Peking University, Third Prize
2012	China Team Selection Competition for International Olympiad in Informatics, Bronze Medal
2012	Asia-Pacific Informatics Olympiad, Silver Medal
2011	Asia-Pacific Informatics Olympiad, Bronze Medal
2012	National Olympiad in Informatics, Silver Medal
2011	National Olympiad in Informatics, Bronze Medal
2012	National Olympiad in Informatics, ShanXi Province, Fourth Place

Skills

Languages

Chinese: Native

Cantonese: Basic

English: Fluent, TOEFL 101 (2016), IELTS 7 (2018)

Computer Skills

Matlab (proficient), Python (proficient), C (proficient), C++ (proficient)

C# (proficient), Java (basic), HTML/CSS (proficient), JS (proficient)

Latex (proficient), SQL (proficient), Swift (basic), Node.js (proficient)