

Zhen Qi

COMPUTER SCIENCE (MAJOR) · STATISTICS & FINANCE (MINOR)

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Room 1209, Lady Ho Tung Hall, 91A, Pokfulam Road, Hong Kong

EDUCATION

The University of Hong Kong (HKU)

Bachelor of Engineering in Computer Science; GPA: 3.96/4.3 *September 2023-Present*

·Topics include: Python, Linux, C#, C++, Data structures and algorithms, Object-oriented programming and Java, Linear algebra, Probability and Statistics, Calculus and ordinary differential equations, Discrete Mathematics, Multivariable calculus

·Learned Simulation Methods for Optimization and Learning(96/100) in Peking University

Globex Julmester Summer Program

High School, Chinese mainland

2020-2023

·Chinese National College Entrance Examination certificate (graduated among the top 0.1%)

EXPERIENCE

Programming Technologies and Computer Programming II; HKU

Teaching Assistant

Sept. 2024-Present

·Manage tutorials weekly and answer questions in the forum

·Mentoring students in Linux operation, C++ and C# programming

HKUCSSAUD; HKU

BEng student mentor

June. 2024-Present

·Give academic suggestions to BEng mentors

Learned Simulation Methods for Optimization and Learning; PKU

Student

June. 2024-July. 2024

·Using gradient descent algorithm and SPSA(Simultaneous Perturbation Stochastic Approximation) algorithm to find the optimal investment strategy

·Using SA(Stochastic Approximation) model to find the optimal service time in queuing problem

HKU Calligraphy Society; HKU

General Secretary & Financial Secretary

Feb. 2024-Present

·Manage administrative tasks and communications within the calligraphy society

·Handles financial matters and budgeting for the society

SKILLS AND CERTIFICATES

·Fluent in English (IELTS: 7.0/ 9.0), Cantonese and Chinese

·Self-learning in web development, machine learning

·Proficient in PowerPoint, Excel, Word, MATLAB, LaTeX and Photoshop

·Demonstrate strong skills in academic writing and presentation