Qiao Jiamu

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EDUCATION

BSc Year 3 | The University of Hong Kong| 2021-2023

Major in Molecular Biology & Biotechnology | Minor in Computer Science | CGPA: 3.90

- Dean's Honours List 2021-22, 2022-23
- Student Teaching Assistant for the course "COMP1117A Computer Programming" in the academic year 2022/23

Exchange | University of California, San Diego | January 2024-June 2024

Major in Bioinformatics

RESEARCH

Student Helper | Dr. Chi Bun Chan, HKU Laboratory of Metabolic Research

January 2023 – May 2023

- Conducted basic lab experiments, e.g., genotyping, DNA extraction, PCR
- Learned about the DNA modification technique Cre-Lox recombination in mice

Research Internship | Dr. Huang Yuanhua

June 2023 – August 2023

- Learned fundamental data science skills and developed basic machine learning models

Student Research Assistant | Dr. Huang Yuanhua

June 2023 – Dec 2023

- Conducted scRNA-seq research with a focus on copy number variation (CNV)

EXTRACURRICULAR

Team captain of the sentry robot development| HKU RoboMaster HerKules | 2021-2022

- Responsible for mechanical design of the sentry robot in RoboMaster competition

SKILLS

Communication

- Vice president of the Student Union in high school
- Residential Student Advisor 2022-23, HKU New College

Technical

- Python, C++, Linux, Google Suite, Microsoft Suite

Languages

- Fluent in English (IELTS 8.0) and Mandarin

INTERESTS

- Sports, e.g., football (hall team leader), running (HKSCM half marathon), swimming, scuba diving (PADI Open Water Diver), skiing