

ZHAO YIMING

zym0303@connect.hku.hk ♦ +852 6333 7546

EDUCATION

University of Hong Kong **HKSAR, China**
Bachelor of Engineering (Computer Science) | CGPA: 3.83/4.3 | **Rank: 7/126** Jun.2024
Selected Coursework: Machine Learning, Introduction to Data Science, Statistical Machine Learning, Statistical Analysis

University of California, San Diego **California, USA**
Exchange Program (7 Computer Science courses) | CGPA: 3.88/4.0 Jun.2023
Selected Coursework: Artificial Intelligence, Computer Vision, Deep Learning

SKILLS

Programming: Python (**Proficient**), Java (Familiar), C/C++ (Familiar), **HTML/JavaScript/CSS (Proficient)**, PHP (Familiar), **PostgreSQL (Proficient)**, MySQL (Familiar), NodeJS (Familiar), React Native (Familiar)
Computing Environments: Linux (Familiar), Microsoft Azure (Familiar), Android (Familiar)
English Proficiency: TOEFL 103, GRE 155(V) + 169(Q)

WORK AND RESEARCH EXPERIENCE

HKU-Cam AI-Wise **HKSAR, China**
Research Assistant Sep.2023-Current
• Established the server using **Flask** framework and **Nginx** for reverse proxy configuration to provide compute service APIs for software development and interaction with **MySQL** database
• Collecting linguistic data for new Natural Language Processing research

University of Hong Kong **HKSAR, China**
Research Assistant Apr.2023-Current
• Customized the **Open3D** source codes and leveraged the perception model **DinoV2** to fuse features while training
• Integrating fused features with **Pointcept** models to demonstrate the interpretability of feature fusion

InnoSpire Technology Limited **HKSAR, China**
Software Engineering Internship Oct.2022-Dec.2022
• Collected 3,000+ images for real-time banknote and staircase recognition for visually impaired app users
• Experimented with CNN and Microsoft Azure Cognitive model for recognition, achieved 95% accuracy

ACADEMIC PROJECT

School Database System – CSE132B Project University of California, San Diego | Jun. 2023
• Developed a database system with **PostgreSQL** and **Java Server Page** to manage course enrollment information, received scores of 98.65 out of 100

Kaggle Competition – STAT3612 & CSE151B Project HKU & UCSD | Dec.2022 & Jun.2023
• Designed algorithms as the leader in three competitions to predict real-life data, achieved top 3 for all competitions

Android Application – COMP3330 Project University of Hong Kong | Dec. 2022
• Developed an **Android** app with **Java**, **XML**, and **Google Firebase** to help students manage tasks, won first place

HONORS

HKU REACH Awards **2020-2024**
YC Cheng Engineering Scholarship **2022-2023**
Dean's Award for Engineering Students **2020-2022**
Dean's Honours List **2020-2021**
Outstanding Student Base School Scholarship of China Agricultural University **2019-2020**

EXTRACURRICULAR ACTIVITIES

Student Teaching Assistant Sep.2021-Current
• Delivered Python/C++ tutorials to 20 students to help them cope with bugs in their homework
Student Ambassador July.2023
• Volunteered in the 210th graduation ceremony of University of Hong Kong