FLORENSIA WIDJAJA

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Education

CHINESE UNIVERSITY OF HONG KONG, SHENZHEN (CUHKSZ)   Expected June 2026

Major: Data Science and Big Data Technology **|** **Cumulative GPA**: 3.93/4.00 | **Major GPA**: 4.00/4.00 | Top 1%

Honors: Academic performance scholarship, Dean's list, Full tuition entry scholarship, Shenzhen Universiade Scholarship 2024

Relevant courses: Machine learning, probability, statistics, data structures, optimization

Technical Skills

- Python (Pandas, NumPy, SciPy, Matplotlib, PyTorch)
- MATLAB Language
- Tableau and Microsoft Power BI
- SQL (PostgreSQL, MySQL, Oracle SQL)
- Microsoft Excel for Data Analysis
- Microsoft Azure Machine Learning

Work Experience

UNDERGRADUATE RESEARCH ASSISTANT – Shenzhen Research Institute of Big Data (SRIBD)   March 2024 - Present

- Successfully got research approval after completing a comprehensive analysis of the 10 newest algorithms, finishing Stanford University's CS231N course about Convolutional neural networks, and comprehensively learning PyTorch in three months.
- Analyze multi-model algorithms to attain better prediction accuracy on differentiating Alzheimer's disease, mild cognitively impaired, and cognitively normal individuals using MRI imaging.

UNDERGRADUATE STUDENT TEACHING FELLOW – CUHKSZ   September - December 2023

- Taught once every three weeks in a class of around 70 students and graded students' programming assignments for the CSC1001 (Introduction to Computer Science using Python Programming) Course

PARTNERSHIP AND FUNDRAISING SUPPORT – Life Project 4 Youth (Remote)   July - August 2023

- Communicated the new partnership database system to ensure a similar target, which is to remove disorganized databases to enhance the communication flow between the internal team and 80 external companies or Civil Society Organizations.
- Integrated multiple disconnected Excel spreadsheets of one company/CSO into one holistic and neat spreadsheet that still captures all the information and meets stakeholders' requests according to their business and financial needs.

Achievements and Certifications

AZURE DATA SCIENTIST ASSOCIATE CERTIFICATION – Microsoft   May 2024

- Passed the DP-100 (Azure Data Associate) Exam with a score of 835/1000 through experimenting with training, registering, and deploying models through the Azure Machine Learning platform and Python SDK.

THIRD PRIZE WINNER – CUHKSZ Programming Contest   April 2024

- Ranked 37 out of 250 CUHKSZ students by completing two questions about hashmap quick search and general tree depth-first search with scratch implementation

Organizational and Leadership Experience

CHAIR OF ACADEMIC AND CAREER SUPPORT DEPARTMENT – CUHKSZ ISA   July 2024 - Present

- Collaborates with Human Resources from Chinese multi-national companies such as the Bank of China for organizing company visits or networking sessions for early careers preparation.
- Increase organization efficiency by Leading a team of five members, organizing regular departmental meetings on future event preparations, such as workshops or company collaborations, and assisting other departments with large student activities.

MICROSOFT STUDENT LEARNING AMBASSADOR (BETA) – Microsoft (Remote)   January 2024 - Present

- Led an event about how to get started on Power BI for two hours to 40 students and teachers and received positive feedback.
- Released a Cloud Skill Challenge to encourage Indonesian citizens to learn how to get started on their data careers and got 97% completion rate and 95% satisfactory rate.

LEAD PEER ADVISOR – CUHKSZ   September - December 2023

- Led 40 international students admitted in 2023 under the School of Data Science in easing the transition to abroad and university life by organizing outing activities or lectures about the university academic system

YOUTH MENTOR – School of Humanity (Remote)   July- August 2023

- Managed two out of six mentee projects to be presented in the worldwide showcase out of 70 students by intensive mentorship within five weeks of summer school by conducting weekly one-hour one-on-one virtual mentoring sessions and daily check-ins on assignments and personal projects.

Interests

LANGUAGE: Native **Indonesian,** Fluent **English (IELTS 7.5),** Conversational **Chinese (HSK 4)**
MUSIC: Piano (ABRSM Grade 7), **Music Theory** (ABRSM Grade 5)