

WANG HANWEI

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⚙ SKILLS

- Interests: Financial Analytics, Investment, Trading, Bank.
- Programming Languages: Python, Matlab, R, SPSS, SQL, Office
- Toolkits and framework: PyTorch, TensorFlow, Keras, Numpy
- English: IELTS(6.5), CET-6(507), CET-4(559)
- Mandarin: Native

🎓 EDUCATION

The Chinese University of Hong Kong (CUHK), HongKong, China Aug. 2024 – July. 2025
M.Sc. in mathematics, Big Data Analytics and Computations Stream

- Majors: Computational Mathematics, Financial Analytics, Econometric Principles and Data Analysis, Probability and Stochastic Analysis, Mathematical Principles of Artificial Intelligence.

Shantou University (STU), Shantou, China Sept. 2020 – June. 2024
B.S. in Mathematics and Applied Mathematics

- GPA and Ranking: 3.6/5.0 (top 3.75%)

🎓 HONORS AND AWARDS

Outstanding Graduate, STU June. 2024
Excellent Graduation Thesis, STU June. 2024
First-Class(top 5%) Comprehensive Scholarship, STU Jan. 2024
National Inspirational Scholarship(top 1.25%), Guangdong Provincial Department of Education Oct. 2023
National Inspirational Scholarship(top 2.5%), Guangdong Provincial Department of Education Oct. 2022
Bronze Award in the 8th "Shantou Youth Innovation and Entrepreneurship Competition", Shantou Innovation and Entrepreneurship Competition Organizing Committee Sept. 2022
Gold Medal in the 13th "Challenge Cup" College Student Entrepreneurship Plan Competition, Guangdong Provincial Department of Education Aug. 2022
Excellence Award in the 6th "Maker Guangdong" Innovation and Entrepreneurship Competition, Maker Guangdong Organizing Committee July. 2022
Excellence Award in Asia Pacific Mathematical Modeling Competition, APMCM Jan. 2022

🐾 INTERSHIP EXPERIENCE

China CITIC Bank Shenzhen, China Oct. 2024 – Nov. 2024
Corporate Business Intern

- Assist account managers in analyzing corporate customer needs, provide financial product consulting, and participate in customer relationship maintenance and customer demand follow-up.
- Participate in data analysis of corporate products, use data mining to support product optimization, and assist in writing relevant analysis reports.
- Collaborate with internal teams to support the process execution of loans, bills and other businesses to ensure the smooth progress of projects.

Ping An Insurance(Group)Company of China Shenzhen, China Mar. 2024 – June. 2024
Financial Planner Intern

- Focus on insurance classification, regulations, and the composition and development of insurance business, and provide customers with a comprehensive knowledge system of insurance services.

- Use the income model and Standard Poor's four-quadrant method to develop a comprehensive life cycle financial planning program for customers and optimize the financial structure.
- Continuously improve user communication skills, increase user conversion efficiency through online and offline contacts, and promote effective customer relationship management.

Shenzhen Diankuan Network Technology Co., Ltd. Shenzhen, China May. 2022 – Sept. 2022
Quant Intern

- Master Python fundamentals and adeptly apply NumPy and Pandas for financial data analysis.
- Develop quantitative investment models to aid in strategy assessment and enhancement.
- Gain hands-on experience with financial data and refine investment models through seminars.

PROJECT EXPERIENCE

Digital Intelligence Service Project May. 2023 – Sept. 2023
Technical Team leader University Projects

The project is based on the ChatGPT fine-tuning model to create online virtual digital people for sales business

- Use Python crawler to crawl live broadcast room barrages.
- Training fine-tuning model based on ChatGPT.
- Call Fine-tuning Model to answer barrage questions.
- Management, scheduling and training of technical department members.

New Countryside of Digital Wisdom Project Sept. 2022 – Sept. 2023
Technical team leader Provincial Projects

The project uses machine learning technology to create a smart city safety warning platform, including stranger warning, drowning warning and violent warning.

- Assist in pushing and accessing video streaming data.
- Violence, Drowning and Face Detection Model training and optimization.
- Completed the testing and optimization of the City Intelligent Model (CIM) 4.0 terminal system.
- Management, scheduling and training of technical department members.

Pedestrian trajectory twin system Project Sept. 2021 – Sept. 2022
Algorithm Engineer National Projects

The project utilizes machine vision technology to document residents' green initiatives and steer them towards a low-carbon lifestyle.

- Collect people flow data and perform data processing and cleaning.
- Design the Urban Intelligent Model (CIM) 4.0. Model system framework.
- Use the detection algorithm built in the PyTorch framework to identify and track people flow.

ACADEMIC PARTICIPATION

Paper Presentation in ICAISC, Paris, France Aug. 25 - Aug. 26, 2023
CHEN X. LIU X., LAO X., KUAN S., JIANG Y., WANG H. (2023), The Twin Terminal of Pedestrian Trajectory Based on City Intelligent Model (CIM) 4.0. International Conference on Artificial Intelligence and Soft Computing (ICAISC 2023).

Conference Paper Presentation of CVCI 2024, Bangkok, Thailand Jan. 29 - Jan. 31, 2024
International Conference on Computer Vision and Computational Intelligence (CVCI 2024).