

WANG HANWEI

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⚙️ TECHNICAL SKILLS

- Data Analysis: Statistical Analysis, Data Mining, Machine Learning, Deep Learning, Time Series Analysis
- Programming: Python (NumPy, Pandas, Scikit-learn), R (tidyverse, ggplot2), SQL, MATLAB
- ML/DL Frameworks: PyTorch, TensorFlow, Keras · Data Visualization: Tableau, Power BI, Matplotlib
- Languages: English (IELTS 6.5), Mandarin (Native)

🎓 EDUCATION

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

- Majors: Computational Mathematics, Financial Analytics, Data Analysis, Stochastic Analysis, AI Principles

Shantou University (STU), Shantou, China Sept. 2020 – June. 2024

B.S. in Mathematics and Applied Mathematics · GPA: 3.6/5.0 (top 3.75%)

Honors: First-Class Scholarship (top 5%), National Inspirational Scholarship, Outstanding Graduate

👥 PROFESSIONAL EXPERIENCE

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

- Conducted data analysis on corporate products using Python, identifying optimization opportunities
- Developed data-driven reports analyzing customer behavior patterns and market trends

Shenzhen Diankuan Network Technology, Shenzhen May. 2022 – Sept. 2022
Quantitative Data Analyst Intern

- Developed quantitative investment models using Python, achieving 15% performance improvement
- Built automated data pipelines for real-time market data processing and analysis

👥 DATA SCIENCE PROJECTS

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

- Developed web scrapers and implemented NLP models based on ChatGPT for automated responses
- Built data pipeline handling 10,000+ daily user interactions with 95% accuracy
- Management, scheduling and training of 4 technical department members.

New Countryside of Digital Wisdom Project Sept. 2022 – Sept. 2023
Data Team Leader Provincial Projects

- Led computer vision model development for safety monitoring, achieving 92% accuracy
- Implemented real-time video analytics pipeline processing 1000+ hours of footage

🎓 ACADEMIC PUBLICATIONS

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).