


Pengxuan Wang

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Education

09/2017-07/2021

Zhejiang University of Finance & Economics
Bachelor in Information Management and Information System

08/2021-05/2023

University of North Carolina at Chapel Hill
Master of Science in Information Science | Diploma Expected

Proficient

Technical Skills

Python,C++,SQL,R,Javascript

Certifications

Data Science Orientation,
Tools for Data Science,
Data Science Methodology,
Python for Data Science and AI,etc.(details of Licenses&certifications in LinkedIn)

Internships

Securities Analyst& Investment Advisor, HUATAI SECURITIES co.,ltd.

- Carry out big data analysis and research with computer and compare the advantages and disadvantages of the fund

03/2020- 05/2020

- Compare domestic public funds of 5G, Semiconductor Materials, Chips and other equity categories in terms of their performance, position holding and ranking

03/2021 - 05/2021

- Develop online business of securities companies
- Set up private fund products and the negotiation of institutional business

Quantitative analysis of stock financial data based on Canslim

07/2019 - 08/2019

- Data analysis with Excel (import a database, 50 stocks in last 10 years)
- Write analysis report for 50 stocks

SELECTED RESEARCH ACTIVITIES

Cloud Computing for Data Analysis (UCB)

- Design serverless applications (AWS Lambda, GCP Cloud Functions) and create cloud-native applications

Data Analytics and Mining towards Business Applications (Chinese Academy of Sciences)

- Data preprocessing and construction of commercial data warehouse, data classification model-Bayes, SVM, etc.
- Application of matrix mining in business data processing (such as product recommendation)

Design of Educational Administration Management Information System

- Carry out feasibility analysis of Administration Management Information System
- Design the system to help students register and pay fees, record the assessment of students, etc.
- Input the student information data, connect the front end of the database with the back end, and participate in the field survey

Design and Implementation of Hospital Appointment Management System

- The system helps minimize both physicians' idle time and patients' waiting time
- Use the system to increase the effective and efficiency outpatient department performance