Qingshan Hou

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🎓 Education

Tongji University Sep.2022 – Present

Major: Computer Science and Technology   Undergraduate   Shanghai, China

- GPA: 4.51/5
- Coursework: Linear Algebra · Assembly Language Programming · Software Engineering · Artificial Intelligence · Data Structures · Algorithms · Object-Oriented Programming · Operating Systems · Principles of Computer Organization · Computer Networks
- Class Monitor: Class of 2022, Computer Science and Technology 2nd Cohort

Shanghai Yan'An High School Sep.2019 – Jul.2022

💼 Internship

Hundsun Technologies Inc.   Jul.2024 – Aug.2024

FinTech Intern   Hangzhou, China

- Led a team of 6 members as product manager to design and develop a simplified financial trading system.
- Gained hands-on experience in financial technology, including subscription, redemption, and clearing processes, as well as full-stack development using Vue.js for the front-end, Spring Boot for the back-end, and MySQL for database management.
- Certified Junior FinTech Engineer, Hundsun Technologies Inc. (Awarded for outstanding performance in financial technology project development).
- Recognized with the "Best Quality Award" for leading the development of the fund trading system.

🔧 Practical Experience

Project1: A Statistical Regression Model for Water Quality Jul.2019 – Oct.2020

Environmental Protection   Statistical Regression Model   Shanghai Yan'An High School

- Conducted field research in Anji County, Huzhou, collecting water quality data (e.g., temperature, dissolved oxygen, pH) from 7 locations along the upstream of Huangpu River.

- Performed data analysis using statistical regression models to predict and assess water quality trends, providing actionable insights for environmental conservation.

Project2: WeChat Mini Program for badminton enthusiasts Aug.2024 – Dec.2024

Agile Coach   Full-Stack WeChat Mini Program Developer   Tongji Universiy

- Designed and developed a WeChat Mini Program to facilitate court exchange and team formation for badminton players.
- Implemented key features such as team formation requests, court exchanging, and a chat module for user interaction.
- Improved convenience for school badminton players and enhanced their overall experience.
- Utilized WeChat Mini Program framework for development and deployment.

🏆 Honors and Awards

- Tongji University Undergraduate Excellence Scholarship   Nov.2023
- Junior FinTech Engineer, Hundsun Technologies Inc.   Aug.2024
- First Prize: 35th Shanghai Youth Science and Technology Innovation Competition Apr.2020
- Third Prize: 2021 National High School Biology Olympiad   Sep.2021
- Silver Award: 2024 Tongji University Internal Competition of the China International College Students Innovation Competition   Jun.2024
- President,Jiading Campus Basketball Association   Jun.2024 - Present

⚙ Skills

- Programming Language: C++(Advanced) > Python(Elementary) > JavaScript(Elementary)
- English Proficiency

  - IELTS: Overall band 7.5
  - CET4: 634
  - CET6: 584

ℹ Others

- Activities:

  - 2024 Huawei Connect volunteer
  - Introduction to UFI Filters Group/Sofima Automotive Filter Asia-Pacific Headquarters and Plant Tours

- Interests:

  - Certified National Level-3 Basketball Referee
  - Music band lead singer
  - A cappella Tenor