Xinghan YIN

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EDUCATION

Chengdu College of University of Electronic Science and Technology of China   **China**
B.Eng, Computer Science and Technology   09/2018 - 07/2022
GPA: 3.5/4.0

New Jersey Institute of Technology   **New Jersey**
MS, Computer Science   09/2023 - 05/2025
Expected GPA: 3.5/4.0

PROFESSIONAL EXPERIENCE

Tianjin Yixing Technology Studio   **Tianjin, China**
Software Development Intern   08/2022 – 05/2023
Suzhou KEDACOM (a leading video product and relevant solutions company in China) project
- Led a team of four to upgrade the "intelligent analysis platform" of public transportation monitoring system for Suzhou KEDACOM and provided recognition algorithm testing and adjustment, the average daily organic data volume was 200 million images.

"Software Development for Postoperative Recovery Data Research" Webinar Project
- Conducted data mining and analysis for this seminar and used K-means to cluster the topics discussed by the medical experts.

Tianjin Yixing Technology Studio   **Tianjin, China**
Full-stack Development Intern   03/2020 - 07/2022
- Participated in a project "Integrated Test of Fluid Simulation Algorithm on Platform", and conducted discussions and experiments on some parts.

HONORS AND AWARDS

- Finalist, The 2019 ICPC Asia-East Continent Final   12/2019
- 2nd Prize, The 10th "Lanqiao Cup" National Programming Competition, China   10/2019
- Finalist, Tencent Next Idea Youth Game Developer Championship   07/2019
- Bronze Prize, ICPC China Sichuan Provincial Programming Contest   06/2019

SKILLS

- **Programming:** C, C++, Python, Java, CSS, JavaScript.
- **Algorithm:** Sorting and Search Algorithms, Greedy and Divide Algorithms, Graph Algorithms (BFS, Prim, Topological Sorting), Dynamic Programming.
- **Networking:** Understanding of fundamental networking concepts including TCP/IP, HTTP, and HTTPS protocols.
- **Version Control & Development Frameworks:** Proficient with version control tools such as Git; familiar with common development tools and frameworks.

PROJECTS

Design and Development of an Intelligent Parking Lot Management System Based on JSP

Graduation Project   01/2022 - 05/2022

- Utilized JSP object-oriented design method, spring MVC framework and Tomcat application server technology to complete user information management, parking space information management, vehicle entry and exit management, image recognition and other modules.
- Used HeidiSQL for database management, developed specific business logic through MVC-based design mode, used the bootstrap framework for interface design, and completed system-specific testing through white-box and black-box testing of variables.
- This system is viable and has been applied commercially.