

Shaojun Li

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EDUCATION

LaGuardia Community College

Associate's in Computer Science

New York, NY

Sep. 2023 – Present

North China Electric Power University

Undergraduate student in Computer Science

Beijing, China

Sep. 2021 – Mar. 2023

EXPERIENCE

Undergraduate Research Assistant (Remote)

Meharry Medical College

Sep. 2025 – Present

Nashville, TN

- Developed a desktop application using Electron, JavaScript to transcribe audio
- Developing a database using SQLite based on MIMIC-IV dataset (ongoing)
- Developing a full-stack application using Electron, React, and MySQL to triage patients (ongoing)
- Studied Mathematical formulas to calculate ML computation

Artificial Intelligence Research Intern

Air Force Research Lab

Jun. 2025 – Aug. 2025

Rome, NY

- Developed a speech-to-text tool in Python using faster-whisper
- Developed a vitals extraction tool using regular expressions and SpaCy
- Learned and utilized Docker technology to containerize projects
- Researched and tested the difference in transcription accuracy between human and AI-generated transcriptions
- Contributed to the research work that led to a paper co-authored by my advisor
- Containerized the system using Docker and deployed it on a Raspberry Pi 5
- Collaborated with team members and learned professional research workflows

Tax Accounting Intern

Attorney, CPA, Insurance Services

Jul. 2023 – Aug. 2023

New York, NY

- Maintained detailed records of client financial information
- Ensuring data confidentiality and security by checking detailed files
- Enhanced client satisfaction by accurately entering bank statements for client
- Learned how to work and cooperate in a small team

PROJECTS

React Pokémon Dex | *HTML, CSS, JavaScript, React, Git*

May 2025 – Jun. 2025

- Developed a react-based Pokémon Dex that accepts user's input then output the details of corresponding Pokémon
- Implemented
- Fetched and displayed Pokémon data from the PokéAPI

Stock Market Predict Tool | *Java*

Apr. 2025 – Jun. 2025

- Built a Java project to predict and suggest the patterns users choose to buy stocks
- Based on given files and data to calculate profits and losses
- Predict which pattern is suitable and reliable for users to buy stocks for the future

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS

Frameworks: React

Developer Tools: Git, Docker, VS Code, CLion, PyCharm, IntelliJ IDEA

Libraries: Pandas, NumPy, Whisper, Faster-Whisper, SpaCy