

Kyle Chen

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A sophomore at NYU majoring in Computer Science

EDUCATION

New York University

Shanghai, CN

Expected 2027

- Candidate For Bachelor of Science: Computer Science with a Minor in Economics
- Coursework: Introduction to Computer Programming, Statistics for Business and Economics, Discrete Mathematics, Introduction to Computer and Data Science, Linear Algebra, Machine Learning, Data Structures, Computer Networking
- Current Courses: Natural Language Processing, Algorithms, Computer Systems and Organizations, US China Relations, and Microeconomics

Walter Panas High School

New York, NY

Graduated 2023

GPA: 4.0

- Graduated top 10% of the class

WORK AND LEADERSHIP EXPERIENCE

Yi Fang Fruit Tea

Boston, MA

Logistics Analysis

July 2021 - Present

- Developed a project focused on employee scheduling, leveraging seasonal trend analysis to optimize staff allocation for each shift.
- Forecast seasonal inventory needs by analyzing past data and conducting weekly/monthly inventory counts, ensuring optimal stock levels despite a 3-4 month shipping lead time from Taiwan.
- Project monthly and quarterly inventory requirements by analyzing trends and forecasting needs to align with a 3-4 month shipping timeline.

Convenience Store

Westchester, NY

District Manager

August 2022 - Present

- Oversaw budgeting for two stores, covering payroll, inventory, and advertising needs.
- Sustained revenue growth year-on-year, generating \$400,000 in a single month during the pandemic.

Fitext

Shanghai, CN

Tech Consultant

January 2024 - May 2024

- Developed a website and app using React.js and Tailwind CSS.
- Worked collaboratively on front-end and back-end development, enhancing teamwork and technical skills.

NYU Shanghai Robotics Club

Shanghai, CN

Vice President

April 2024 - Present

- Led collaborative projects utilizing Arduino and learned fundamental robotics concepts.
- Gained experience in programming with C++ and robot assembly.

Tamid Group

Shanghai, CN

Project Manager

September 2023 - December 2024

- Gained foundational knowledge in consulting and programming during an 8-week program
- During the EDU part of the course, I was able to develop knowledgeable skills, especially in GIT, and coding
- Learned software developing skills, as well as working with team members

Economics Society at NYU Shanghai (SHREG)

Shanghai, CN

General Member

August 2024 - Present

- Attended different events learned about how these real estate companies grow their businesses
- Learned different market strategies in different countries and how companies adjust

Projects

Visualization Traceroute

Computer Networking Project

- Using Python, HTML, and Javascript to create a visualization to show how a network travels from the server to the client.
- Also learned how to implemented these hops onto a Earth, which allows the user to zoom in and out to pinpoint exactly where everything is, and see the exact location and buildings using Google Map, and Earth
- Also implemented a IP converter into longitude and latitude to help display this on the Earth where the locations are
- Voice detection for the website we are trying to connect to

Chat System

ICDS Project

- Using Python created a basic chat system, that you can connect with different users.
- It has features such as a login system where you can register a new account, and a tic-tac-toe game that you can play with during the chat feature.

Awards

Vex Second Prize Award

December 2024

Shanghai Jiaotong University Promising Award

December 2024

SKILLS, ACTIVITIES & INTERESTS

Languages: Fluent in English and Mandarin

Skills: Github, Microsoft Excel, Communications, Python, C Lang, PyTorch

Activities: Unicef Club, Tutoring Kids, National Honors Society

Interests: Machine Learning, Artificial Intelligence (AI), Deep Learning, Computer Networking