

Soohyeuk Choi

929-278-7605 | soohyeuk0816@gmail.com | [LinkedIn](#) | github.com/Soohyeuk

EDUCATION

New York University

Bachelor of Science in Computer Science, Minor in Mathematics and Media Design

New York, NY

2022 – 2026

- GPA: 3.7
- Enrolled in BS/MS program

EXPERIENCE

Backend Developer

LikeLion US

Feb. 2025 – Present

Remote

- Developed scalable API endpoints using Django and Django REST Framework to support seamless communication between users
- Integrated JWT authentication and a meeting scheduler to streamline mentor-student interactions, enhancing security and usability
- Designed and optimized a MySQL database capable of handling over 10,000 students and mentors, ensuring efficient data management and retrieval

Data Analyst Intern

Cipher Mining

May. 2024 – Aug. 2024

New York, NY

- **Extracted and processed 10 million data entries** using NumPy, pandas, Spark, and SQL to optimize load balancer performance, improving efficiency through data-driven insights
- Developed visualizations of algorithm optimization using matplotlib of algorithm optimization, reducing wasted spending by **\$1M** annually
- Executed **5+ backtests** to analyze the effectiveness of the forecasting algorithm
- Leveraged knowledge in Python, pandas, NumPy, SQL, visualization using matplotlib, and statistical approaches

Software Engineer Intern

Power Changes Lives

Mar. 2024 – May 2024

Remote

- Executed a migration of a service written in PHP to React, improving the quality of the website by 50%, according to the user survey
- Implemented a CI/CD pipeline in Github using CircleCI with unit tests for each component
- Leveraged knowledge in Software Development, TypeScript, Git, and CI/CD pipeline

PROJECTS

Image to Insurance Claim | *FastAPI, GCP, React, MaterialUI, OpenAI, MySQL, Git*

Feb. 2025 – Feb. 2025

- Worked on the backend to ensure the proper API endpoints and bucket storages were created
- Integrated the OpenAI API to analyze user-posted images and list all detected furniture along with estimated prices
- Implemented public Google Cloud buckets to store and call images from FastAPI endpoints that the users post for their California fire disaster

Fantasy Sports Management | *Flask, React, MySQL, xampp, Git*

Nov. 2024 – Dec. 2024

- Developed a full-stack web application using Flask and React
- Incorporated xampp to locally host a server for MySQL database
- Created 20+ REST API endpoints utilizing MySQL queries to provide user/player information
- Designed a UI/UX of 5+ pages including the landing page and led the team for implementing frontend

TECHNICAL SKILLS

Languages: Python, C++, SQL (MySQL), TypeScript, HTML/CSS, Go

Frameworks: Django FastAPI, Flask, React

Developer Tools: Git, Google Cloud Platform (Buckets), Databricks, xampp

Libraries: pandas, NumPy, Matplotlib, Plotly, sklearn