

# Fei Lin

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## EDUCATION

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### Cuny Brooklyn College

Brooklyn, NY

*Bachelor of Science in Computer Science, Minor in Data Science*

*May 2025*

**Relevant Coursework:** Modern Techniques, Data Structures and Algorithm, Databases, Calc 1-2, Linear Algebra, Machine Learning, AI

## TECHNICAL SKILLS

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**Languages:** Java, Python, SQL, JavaScript, HTML/CSS

**Frameworks:** Springboot

**Developer Tools:** Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Replit

## EXPERIENCE

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### Headstarter AI Software Engineer Fellow

July 2024 – Present

*Software Engineer Fellow*

*Hybrid*

- Building 5+ AI Apps and APIs using NextJS, OpenAI, Pinecone, StripeAPI with 98 percent accuracy as seen by 1000 users
- Developed projects from design to deployment with a team consists of 4 engineering fellows using MVC design pattern
- Coached by Amazon, Bloomberg, and Capital One engineers on Agile, CI/CD, Git and microservice patterns

### Cuny Tech Prep Data Science Fellow

July 2024 – Present

*Data Science Fellow*

*Hybrid*

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### PYE Education Center

July 2023 – Aug 2023

*Project Researcher*

*Remote*

- Communicate with managers to set up campus computers used on campus
- Assess and troubleshoot computer problems brought by students, faculty and staff
- Maintain upkeep of computers, classroom equipment, and 200 printers across campus

## PROJECTS

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### Python Weather App | *Python, Weather API, Tkinter*

- Developed a desktop application using Python and Tkinter.
- Integrated with a weather API to fetch and display real-time weather data based on user input (state/city).
- Displayed current temperature, weather condition, and a representative image.

### Weight Tracker Discord Bot | *Python, Discord API*

- Developed a Discord bot using Python and the discord.py library.
- Implemented features for users to log and track their workouts, including setting exercise names, sets, weights, and reps.
- Utilized a CSV file to store user-entered workout data.
- Added functionality to view, remove, and retrieve workout information and incorporated date logging for each entry.

## CERTIFICATIONS

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### CodePath WEB101

### CS50 Python