

Andrew Li

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EDUCATION

City University of New York - Brooklyn College, *Brooklyn, NY*

Expected Graduation: June 2027

Bachelor of Science in Computer Science | Minor in Data Science

Major GPA: 3.7/4.0

- **Coursework:** Data Structures, Algorithms, Database Systems, Advanced OOP, System Design, Data Science

SKILLS

Languages: Java, Python, TypeScript/JavaScript, SQL, C/C++, HTML/CSS, PHP

Frameworks & Libraries: React.js, Node.js, Express.js, Spring Boot, Flask, FastAPI, Tailwind CSS

Databases: PostgreSQL, MySQL, MongoDB

AI/ML: Pandas, NumPy, scikit-learn, Seaborn, Matplotlib, TensorFlow

DevOps & Tools: AWS, GCP, Git, Docker, Linux, Clerk, Stripe, Jira

EXPERIENCE

CUNY Tech Prep - Data Science Fellow, *New York, NY*

August 2025 – Present

- Selected as one of **200** students across **11** schools for a competitive data science and machine learning fellowship.
- Completed weekly training in Python, data engineering, machine learning algorithms, NLP, and AI model development.
- Building an end-to-end data science project using Python, NumPy, Pandas, Scikit-learn, TensorFlow, and Hugging Face.

Soaper LLC - Software Engineer Intern, *Seattle, WA (Remote)*

July 2025 - October 2025

- Reduced latency by migrating the appointment scheduling and patient portal to TypeScript, React.js, and Tailwind CSS, improving page performance by **45%** and enhancing UX for **500+** active users.
- Built FastAPI endpoints for appointment scheduling, reducing booking errors by **30%** and handling **2,000+** requests/month.
- Created and optimized PostgreSQL schemas for **1,500+** patient records, decreasing query latency by **40%**.

Unadat - Software Engineer Intern, *New York, NY*

July 2025 – August 2025

- Led a team of **8 interns** as PM + SWE to revamp platform modules for **1,000+** daily active users in an **8-week sprint**.
- Engineered a GCP Cloud Storage solution to manage **2,000+** image assets, improving retrieval speed by **35%**.
- Built an AI summarizer processing **800+** docs/week, reducing review time by **60%** and serving summaries in **< 300ms**.

Brooklyn College CS Club - Software Developer, *Brooklyn, NY*

October 2024 – May 2025

- Maintained club website serving **1,000+** CS students, boosting page load speed by **35%** with TypeScript, Next.js, and Tailwind.
- Contributed to projects, including an AI Chatbot and RESTful APIs, using Java, Spring Boot, and PostgreSQL.
- Reduced deployment time by **40%** through automation with Docker, GitHub Actions, and Linux.

PROJECTS

Parallax | TypeScript, React.js, Tailwind, D3.js, Python, FastAPI, MongoDB, Docker, Nginx, Clerk, Stripe | github.com/AndrewL05/Parallax

- Created an AI life simulator with React, FastAPI, and MongoDB, modeling alternate futures up to **10 years**.
- Increased user engagement by **40%** by engineering interactive D3.js timelines vs static outputs.
- Integrated Stripe + Clerk for premium features, onboarding **25+** simulated subscriptions in testing.

SayLess | TypeScript, React.js, Tailwind CSS, Clerk, Express.js, MongoDB, Gemini, ElevenLabs, Deepgram

[github](https://github.com) | sayless.nyc

- Built an AI meeting assistant that joins meetings, records + transcribes audio, and speaks using cloned voices with **< 1s** latency.
- Implemented Gemini-powered summarization to generate key points and notes **5x** faster than manual note-taking.
- Engineered a responsive TypeScript + React interface with Tailwind for real-time transcript and AI summary management.