Andrew Li

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EDUCATION

City University of New York - Brooklyn College, *Brooklyn, NY*　　　　　　　　　　Expected Graduation: May 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, Operating Systems

SKILLS

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

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

Databases: PostgreSQL, MySQL, MongoDB

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

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

EXPERIENCE

COI Energy - Data Engineer Intern, *New York, NY*　　　　　　　　　　October 2025 – December 2025
- Created a Python data pipeline to process and analyze **4.3M+** energy consumption records, deriving kW demand, correcting ~**0.3%** anomalous readings, and interpolating missing data to achieve **98%+** clean data for models.
- Designed and deployed a local BigQuery Emulator environment with Docker, enabling **100%** offline testing of ETL pipelines and reducing development cycle time by **40%** by eliminating reliance on cloud infrastructure.

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 **500+** daily active users in an **8-week sprint**.
- Engineered a GCP Cloud Storage solution to manage **1,000+** image assets, improving retrieval speed by **35%**.
- Built an AI summarizer processing **800+** docs, 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 | *React, TypeScript, Tailwind, D3.js, Python, FastAPI, MongoDB, Pandas, scikit-learn, Docker, Nginx, Stripe, Clerk*　　github
- Created an AI life simulator with React, FastAPI, and MongoDB, modeling alternate futures up to **10 years**.
- Implemented a hybrid AI system combining XGBoost predictions with LLM narratives, reducing response time by **60%** vs. pure LLM approach while maintaining **99.9%** uptime through multi-layer fallback architecture

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