Qingquan Li

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EDUCATION

City University of New York - Brooklyn College *Brooklyn, NY*   Expected Graduation: December 2025
Bachelor of Science in Computer Science

SKILLS

- **Languages:** Python, Java, JavaScript, SQL, C++, Go, Bash.
- **Tools:** Panda, Flask, Spring Boot, React.js, Apache Airflow, Apache Spark, Databricks, Power BI, PostgreSQL, LangChain, TensorFlow, Git, Linux, Docker, Kubernetes.
- **Certifications:** AWS Certified Solutions Architect – Associate, Cloud Practitioner, Building AI Agents with MongoDB

WORK EXPERIENCE

Con Edison - Data Analyst Co-op *New York, NY*   October 2025 - Present

- Support data analytics and database management to ensure reliable performance of the energy management system.

MTA - Data Engineer Intern *New York, NY*   June 2025 - August 2025

- Automated data processing pipelines with Python, SQL, Airflow, and Spark, reducing manual data processing time by 30%.
- Created a Kubernetes cluster on 5 Linux servers to deploy data applications, increasing application availability by 50%.

Google - Software Engineer Program Mentee *New York, NY*   March 2025 - May 2025

- Selected as one of 100 participants in a 10-week mentorship program, developing technical skills and industry knowledge.
- Participated in weekly coding sessions with a Google engineer and received feedback, improving coding efficiency by 50%.

Shared Studios - AI Engineer Intern *Brooklyn, NY*   February 2025 - March 2025

- Created an AI voice assistant leveraging internal data and LLM to handle user queries and enhance user engagement.
- Developed a real-time speech-to-text backend in Python using Whisper and integrated it with an Electron/React.js frontend via gRPC, enabling voice commands to trigger UI actions and reducing manual interaction time by 40%.

Memorial Sloan Kettering Cancer Center - DevOps Intern *New York, NY*   June 2024 - August 2024

- Migrated 2 on-prem applications to AWS using highly available architectures (multi-availability zones, managed services).
- Automated CI/CD with Docker and GitHub Actions; used Terraform for infrastructure, cutting deployment times by 50%.

AuriStor, Inc - Software Engineer Intern *New York, NY*   February 2024 - April 2024

- Deployed a Kubernetes dashboard, streamlining the management and monitoring of Kubernetes clusters.
- Built a dashboard website with TypeScript and Golang to manage 1,000+ container image layers, improving visibility.

PROJECTS

Club Website and AI Chatbot - Computer Science Club President [GitHub Link]   June 2024 - May 2025

- Led a team of 10+ developers to build the club's website with Java and React, serving 1,000+ computer science majors.
- Developed an AI chatbot with Python, Flask, LangChain, and LLM, improving inquiry resolution speed by 200%.

NutriVoice (First Place at Columbia University Hackathon) - Tech Lead [Devpost Link]   February 2025

- Led a team to develop NutriVoice, an AI-powered nutrition tracking app for blind and visually impaired individuals, winning First Place in the Health & Accessibility Track.
- Integrated Whisper (Speech-to-Text), Computer Vision, and an open-source LLM with Text-to-Speech to analyze food images, extract nutrition facts, and deliver accessible, real-time dietary feedback for visually impaired users.