

Qingquan Li

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EDUCATION

City University of New York - Brooklyn College *Brooklyn, NY*
Bachelor of Science in Computer Science

Expected Graduation: December 2025
GPA: 3.5/4.0, Major GPA: 3.7/4.0

SKILLS

- **Certifications:** AWS Certified Solutions Architect – Associate, AWS Certified Cloud Practitioner, Postman API Fundamentals Student Expert
- **Programming Languages:** Java, Python, C++, JavaScript, TypeScript, Go, SQL.
- **Frameworks/Libraries:** Spring Boot, Django, Flask, TensorFlow, Node.js, Express.js, React, Next.js, Tailwind CSS.
- **Tools/Technologies:** PostgreSQL, MongoDB, Git, GitHub Actions, Docker, Kubernetes, AWS, GCP, Linux, Figma.

WORK EXPERIENCE

Memorial Sloan Kettering Cancer Center *New York, NY*
Cloud Engineer Intern

June 2024 - August 2024

- Worked with the Cloud team to migrate 2 applications to the cloud, learning cloud architecture design and gaining hands-on experience with containerization using Docker, CI/CD using GitHub Actions, and infrastructure as code using Terraform.
- Participated in Agile processes, attending weekly Scrum meetings, and contributing to sprint planning and project delivery.

AuriStor, Inc. *New York, NY*
Software Developer Intern

February 2024 - April 2024

- Co-developed a dashboard to manage over 1000 container image layers from AuriStor's distributed file system, and implemented token-based authentication, increasing security by 30%. Used TypeScript, React, Go, Docker, and Kubernetes.
- Led a team of four interns, leveraging GitHub and Trello to deliver 100% of project milestones on time.

Nearabl, Inc. *New York, NY*
Software Engineer Intern

September 2023 - January 2024

- Created a real-time object detection app. Used Python, Flask, OpenCV, TensorFlow, React, and AWS (S3 and DynamoDB).
- Increased navigation accuracy by 25% through integrating computer vision into Nearabl's navigation solution.

City University of New York *New York, NY*
Research Assistant

September 2022 - August 2023

- Worked on a research team to design an AI system leveraging machine learning to collect and label storefront accessibility data. Used Java, Spring Boot, Python, React, MongoDB, Docker, and Google Cloud Platform (Cloud Run and Firebase).
- Empowered visually impaired individuals to navigate urban environments, increasing their navigation success rate by 20%.

PROJECTS

Computer Science Club Website | *Java, Spring Boot, Next.js, Tailwind CSS, MongoDB, Docker*

June 2024 - Present

- Leading a team of 10+ developers to build the club's website, which serves 200+ users per week, utilizing Java and Spring Boot for RESTful APIs, Next.js for the frontend interface, and Docker for containerization and deployment. [\[GitHub Link\]](#)
- Facilitating resource and information sharing within the community, fostering collaboration by open-sourcing the project.

Open Educational Resources | *Python, Django, React, PostgreSQL, GitHub Actions, AWS*

September 2022 - May 2023

- Co-developed a tutoring appointment website for a college math department during the pandemic, facilitating over 200 tutoring sessions and enhancing the accessibility of math tutoring services. [\[GitHub Link\]](#)
- Backed up an open education resource website with 10k+ users from GoDaddy to AWS, improving availability by 30%.

ACTIVITIES

- **President - Computer Science Club** (May 2024 - Present)
Leading the development of the club's website, and organizing 10+ events and workshops for 500+ members.
- **First Place Winner - John Jay Hackathon** (April 2023) [\[Project Details Link\]](#)
Won First Place in the Most Innovative/Creative Category competing with students from 8 colleges. Developed a website that connects language learners with volunteers to improve communication skills and foster cultural exchange.