

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, Node.js, Express.js, React, Next.js, Bootstrap, Tailwind CSS.
- **Tools/Technologies:** PostgreSQL, MongoDB, Git, GitHub Actions, Docker, Kubernetes, AWS, GCP, Linux, REST APIs.

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 hundreds of container image layers from AuriStor's distributed file system, and implemented token-based authentication, increasing security by 30%. Used TypeScript, React, Go, and Docker.
- 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 AR web app. Utilized OpenCV, Python, Flask, 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

- Collaborated with a research team to design a mobile app to collect storefront accessibility data. Used Java, Spring Boot, 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 100+ 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.