

Qingquan Li

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SKILLS

- **Programming languages:** Python, Java, JavaScript, SQL, HTML, CSS.
- **Frameworks/Tools:** Django, Flask, Spring Boot, React, PostgreSQL, MongoDB, Linux, Docker, AWS.

WORK EXPERIENCE

neARabl Inc. *New York, NY* September 2023 - Present
Software Engineer Intern

- Developing a configurable, real-time 2D/3D object detection system for web deployment, enabling users to identify specific objects within diverse environments instantaneously. Using OpenCV, Python, React, and AWS (S3 and DynamoDB).
- Enhancing user navigation by integrating computer vision and object detection technologies into neARabl's indoor navigation solution, significantly improving interactive guidance and operational efficiency in complex building environments.
- Acquiring skills in problem-solving and teamwork, merging engineering practices with research methodologies to contribute effectively to project success.

Borough of Manhattan Community College *New York, NY* September 2022 - August 2023
Research Assistant

- Collaborated with a research team and worked closely with visually impaired individuals to conduct experiments and design a crowdsourced mobile app to enhance storefront accessibility. Used Java, Spring Boot, React, MongoDB, and Docker.
- Contributed to empowering visually impaired individuals to navigate urban environments with greater independence and confidence.

Borough of Manhattan Community College *New York, NY* September 2022 - May 2023
Web Developer

- Developed a website to simplify the process of reserving math tutoring sessions. Used Python, Django, React, PostgreSQL, and Docker.
- Facilitated over 200 tutoring appointments, markedly improving the efficiency and accessibility of math tutoring services.

Guangzhou Sanyueyi Information Technology CO., LTD. *Remote* May 2019 - June 2021
Co-founder

- Co-developed a social app for college students, featuring forums, class schedules, dating, and events. Used Java, JavaScript, and MySQL.
- Led operations and marketing for the app, achieving 5.8M page views, 24K unique visitors, 6K daily active users, and 15K posts.

EDUCATION

Brooklyn College *Brooklyn, NY* January 2024 - December 2025 (Expected)
Bachelor of Science in Computer Science

Borough of Manhattan Community College *New York, NY* January 2022 - December 2023
Associate of Science in Computer Science

ACTIVITIES/ACHIEVEMENTS

- **Bank of New York Mellon's STARTUP Campus Mentorship Program** (October 2023 - November 2023)
Participated in BNY Mellon's mentorship program, gaining insights in personal branding, cybersecurity, and software engineering.
- **AWS Certified Cloud Practitioner** (September 2023) [Link: Digital Badge](#)
- **Big Data and Machine Learning Summer Boot Camp** (July 2023 - August 2023) [Link: Study Notes](#)
Learned Python for Data Science, Data Visualization, Supervised/Unsupervised Learning, Model Evaluation and Improvement, Neural Networks (TensorFlow), and Case Study: Classification of Breast Cancer Image Datasets on AWS EMR.
- **Student Government Association** (July 2023 - December 2023)
Served as a student representative in the Student Government Association, where I learned to effectively engage in organizational activities, facilitate open communication with fellow students, and promote school events to boost wider student participation.
- **City University of New York Research Scholars Summer Symposium** (May 2023) [Link: Research Poster](#)
Participated as a student researcher in the City University of New York Research Scholars Program, where I developed and presented a comprehensive research poster at their symposium and engaged in networking with peers and scholars.
- **John Jay Hackathon** (April 2023) [Link: Project Details](#)
Participated in the John Jay Hackathon, alongside students from various CUNY Colleges and NYU, and won First Place in the Most Innovative/Creative Category. Our team built a website that connects English as a Second Language (ESL) learners with native English-speaking volunteers, to help learners enhance their English-speaking skills and explore American culture.
- **First Place in a BMCC Table Tennis Tournament** (April 2023)