

Qingquan Li

qingquan.li76@bcmail.cuny.edu 917-618-7984 Brooklyn, NY qingquanli.com github.com/qingquan-li linkedin.com/in/qingquan-li

EDUCATION

Brooklyn College *Brooklyn, NY*

Expected Graduation: May 2025

Bachelor of Science in Computer Science

SKILLS

- **Programming languages:** Python, Java, JavaScript, SQL, PHP, HTML, CSS.
- **Frameworks:** Django, Flask, Spring Boot, Node.js, React, Bootstrap, Tailwind CSS.
- **Tools and Technologies:** PostgreSQL, MySQL, MongoDB, REST APIs, Git, Linux, Docker, AWS.

WORK EXPERIENCE

neARabl Inc. *New York, NY*

September 2023 – January 2024

Software Engineer Intern

- Created a real-time 2D/3D object detection system for web deployment, enabling instantaneous identification of specific objects using feature-matching in diverse environments. Used OpenCV, Python, Flask, React, and AWS (S3 and DynamoDB).
- Enhanced 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.
- Developed skills in problem-solving and teamwork, combining engineering and research for project success.

City University of New York – CUNY Research Scholars Program *New York, NY*

September 2022 - August 2023

Research Assistant

- Collaborated with a research team and blind individuals to design a crowdsourced mobile app that collects storefront accessibility data, aiding in the creation of an accessible storefront open-source map. Used Java, Spring Boot, Python, 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.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** (September 2023) [Verification link](#)
- **CUNY Researchers** (September 2022) [Verification link](#)

ACTIVITIES

- **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](#)
Developed and presented a comprehensive research poster at the 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.
- **CUNY-BMCC Table Tennis Tournament** (April 2023)
Secured first place in the singles matches category.