Qingquan Li

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EDUCATION

Brooklyn College *Brooklyn, NY*   Expected Graduation: May 2025
Bachelor of Science in Computer Science

SKILLS

- **Programming languages:** Java, Python, Go, JavaScript, TypeScript, SQL, HTML, CSS.
- **Frameworks/Libraries:** Spring Boot, Django, Flask, Node.js, React, Bootstrap, Tailwind CSS.
- **Tools/Technologies:** REST APIs, Docker, Kubernetes, AWS, Google Cloud Platform, Git, CI/CD, PostgreSQL, MySQL, MongoDB.

WORK EXPERIENCE

AuriStor, Inc. *New York, NY*   February 2024 - Present
Software Developer Intern

- Co-developing a dashboard for the AuriStor Container Accelerator, streamlining the creation, management, and maintenance of container image layer volumes, thereby avoiding the need to download and locally expand entire images by enabling direct access to only the necessary files from the corresponding 'Layer Volumes' in AuriStor's distributed file system. Using TypeScript and Go.
- Enhancing proficiency in containerization, Kubernetes, and cloud technology, as well as fostering collaborative skills within a tech-driven team environment.

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. Utilized 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 *New York, NY*   September 2022 - August 2023
Research Assistant

- Collaborated with a research team 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, React, MongoDB, Docker, and GCP (Cloud Run and Firebase).
- Contributed to empowering visually impaired individuals to navigate urban environments with greater independence and confidence.

PROJECTS

CSV Data Visualization | *Kubernetes, Docker, Go, TypeScript, React, Tailwind CSS, GitHub Actions, Linux*   January 2024 - March 2024

- Created a full-stack web application designed for the visualization and search of customer data stored in a CSV file, employing Go for crafting RESTful APIs and TypeScript/React for the frontend interface. [GitHub Link]
- Deployed the application on a Linux server leveraging Docker and Kubernetes, with GitHub Actions integrated for CI/CD workflows.

Tutoring Appointment and Management | *Python, Django, React, Bootstrap, PostgreSQL, AWS*   September 2022 - May 2023

- Co-developed a website for a college math department to simplify the process of reserving math tutoring sessions. [GitHub Link]
- Facilitated over 200 tutoring appointments, markedly improving the efficiency and accessibility of math tutoring services.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** (September 2023) Verification Link
- **CUNY Researchers** (September 2022) Verification Link

ACTIVITIES

- **Big Data and Machine Learning Summer Boot Camp - Participant** (July 2023 - August 2023) [GitHub Link]
  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.
- **John Jay Hackathon - First Place Winner** (April 2023) [Project Details Link]
  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.