RICKY ZHANG

🔗 Personal Website ✉ rz2342@nyu.edu 💼 www.linkedin.com/in/ricky-zhang-dev ⚙ github.com/rzh4321

SKILLS

Languages: TypeScript, JavaScript, C++, C, Python, SQL, Bash, x86, HTML/CSS
Technologies: Git, Next.js, React Native, Docker, Node, Express, Flask, PostgreSQL, MySQL, Oracle SQL, Prisma, SQLAlchemy, Sequelize, Redux, MongoDB, AWS EC2, AWS S3, AWS DynamoDB, Tailwind

EXPERIENCE

Computer Aide Intern @ Con Edison   Jun 2023 – Mar 2024
SQL, SharePoint, Oracle SQL Developer   *New York, NY*
- Executed SQL queries on Oracle Database to extract relevant customer data, resulting in a 20% reduction in appointment scheduling time
- Contributed to the development of a SharePoint website for the Underground & Cable department to streamline shift summary submissions, enhancing data organization and reducing information retrieval time by 35%
- Performed time audits for take-home vehicle logs, ensuring precise overtime reporting and reducing unauthorized overtime costs

Computer Science Tutor @ New York University   Sep 2022 – Jun 2023
Python   *New York, NY*
- Provided one-to-one tutoring to up to 5 undergraduate students per week in computer science, specializing in Python programming and data structures
- Remotely monitored and evaluated academic performance of students

PROJECTS

Politigram | *JavaScript, Next.js, Vercel, Mongoose, BERT, Google Cloud Vision*
- Launched a pioneering social media web application filtering content based on a political spectrum slider
- Trained a machine learning model to evaluate images using the Google Cloud Vision API, reaching an accuracy of 64%

NBA CourtSide | *Typescript, Next.js, ChakraUI*
- Developed a responsive web application featuring a clean, minimal interface using ChakraUI for NBA leaders, and box scores, loading over 5,000 statistics
- Utilized useSWR, React custom hooks, and serverless Next.js API routes for efficient data fetching and automatic revalidation to ensure up-to-date 100% accuracy of stats

Guessify | *Typescript, Next.js, MySQL, Prisma, Tailwind, Spotify Web API*
- Developed a music trivia web app, integrating Spotify's Web API for playlist and song playback
- Leveraged Next.js server actions and Prisma ORM for secure database operations, enabling robust database management with a PlanetScale MySQL cloud database

Jobs Scraper | *Python, Beautiful Soup, Selenium, Pandas*
- Designed a Python-based web scraper with Beautiful Soup and Selenium to automate job data extraction from job posting websites such as Indeed and ZipRecruiter, increasing job search efficiency by 60%
- Integrated a customizable user-input functionality, allowing users to tailor data extraction to their search criteria

EDUCATION

New York University   Expected May 2025
B.S. in Computer Science – GPA: 3.8   *New York, NY*
- **Relevant Coursework:** Data Structures & Algorithms, Object Oriented Programming, Intro to Databases, Web & Full Stack Development, Computer Architecture, Operating Systems, Design & Analysis of Algorithms, Computer Networking, Computer Security, Parallel Computing

INTERESTS

Interests: Enjoys competing at hackathons, reviewing indie movies, watching New York Knicks basketball
Extracurriculars: Society of Asian Scientists & Engineers (SASE), Dolphin Swimming