Oumar Barry

201-349-9906 | Baarryoumar@gmail.com | <u>LinkedIn</u> | <u>Github</u>

EDUCATION

City College of New York (CCNY) — New York, NY
Bachelor of Science in Computer Science — *Expected Graduation: December 2025*

TECHNICAL SKILLS

Java, Python, C/C++, SQL, JavaScript, TypeScript, HTML/CSS, C#, LaText, Scheme, MIPS, VHDL, React, Node.js, Flask, MongoDB, NextJs, Shadcn, FastAPI, Tailwind, Bootstrap, JavaFx, Git, GitHub, Google Cloud Platform, Vercel, Unity, Firebase, Eclipse, AWS, MongoDB, MySQl, Postgres, Prisma, Postman, Adobe Photoshop.

PROJECTS

Video Streaming Platform | *Next.js, Tailwind, JWT, Prisma, Postgres, Clerk* — *Spring 2024*
- Built an interactive live streaming application allowing users to broadcast using WebRTC and RTMP protocols.
- Integrated livekit for real time communication, handling live video streams and chat functionalities.
- Used Prisma as the ORM to manage and interact with the database efficiently and nextJs for server side rendering.

Auto-Mate | *Vite, React, Tailwind, Flask, Firebase, AWS, Jest, Pytest* — *Fall 2023*
- Developing a new employee automation app to manage onboarding of new employees in a team project.
- Using the agile software engineering method to collaborate, test, deliver efficiency and manage user experience (UX).

Chat App Encrypted | *C++, C, Makefile, OpenSSL* — *Fall 2022*
- Developed a chat app with end-to-end encryption and authentication for secure user communication.
- Implemented implemented software security features to protect against common software vulnerabilities using a variety of cryptography methods and algorithms.
- Visualized GitHub data to show collaboration.

EXPERIENCE

Full Stack Web Developer Intern — 05/2024 – 08/2024
Theramotive — *Brooklyn, NY*
- Led a team of 9 developers to create a productivity-boosting dashboard using NextJS for a Physical Therapist at Theramotive.
- Collaborated with data science and machine learning teams to implement workflow automation and key information displays using Keragon and helped increasing productivity by 70 %

Manager — 01/2019 – Present
Magnolia Bakery — *New York, NY*
- Promote and maintain a positive work environment by working side by side with the staff to maintain service standards.
- Fosters an encouraging and positive environment but adheres to the necessary practices of progressive discipline, managing the process up to suspension, pending investigation, for terminating offences, in order to maintain a safe and productive work.

IT Support Specialist — 09/2016 – 12/2016
Gnamiensa CI — *Ivory Coast, Abidjan*
- Offered remote support to geographically dispersed teams, troubleshooting issues via phone, email, or remote desktop tools, resulting in a 20 % reduction in on-site support requests.
- Diagnosed and resolved network connectivity issues, including troubleshooting LAN/WAN connectivity, VPN setups, and Wi-Fi connectivity problems.
- Received recognition for consistently achieving high customer satisfaction scores, with a 95 % positive feedback rating from end-users.