



# Lois Boasiako

[www.linkedin.com/in/lois-boasiako-099373248](https://www.linkedin.com/in/lois-boasiako-099373248) | 718-300-4891 | [boasiakolois@gmail.com](mailto:boasiakolois@gmail.com) | [GitHub](#) | Brooklyn, NY

## EDUCATION

**Oswego State University of New York** August 2022 - Expected May 2026

Information Science, B.A

- **Coursework:** Data Structures and Algorithms, Principles of Programming Software Design, Multi/Hypermedia Design, Systems Programming, Database Management, Programming Languages, Statistics in the Sciences

**TripleTen / Software Engineering Certification** Aug 2025 - April 2026

## SKILLS

**Web Development/ Programming & Databases:** JavaScript, Java, Python, SQL, MySQL, PostgreSQL, Database Management Systems, Object-Oriented Programming (OOP), HTML, HTML5, CSS, Website Development, Front-End, Back-End, User Experience (UX) Design, Version Control (Git)

**Tools & Technologies:** GitHub, Visual Studio Code (VS Code), IntelliJ IDEA, Microsoft Office Suite, Chrome DevTools, Prettier, Canva, Slack, Zoom, Notion, Google Calendar

## EXPERIENCE

**SUNY Oswego CSTEP / Mentor** August 2022 – Present

Oswego, NY

- Provided personalized tutoring in 3 subjects, boosting student performance by 25% in 2 weeks.
- Coached 4 students on time management and study skills, enhancing engagement and grades.
- Initiated bi-weekly check-ins, elevating program satisfaction and academic outcomes.

**The Takeoff Institute / Fellow** June 2025 – August 2025

New York, NY (Virtual)

- Collaborated with peers to research and solve a real-world product challenge.
- Presented final project findings to a panel of professionals and mentors.
- Applied newly acquired skills in financial literacy and time management to create a 5-year career plan.

## PROJECTS

**Business Plan for Mock Business** January 2023 - May 2023

- Developed a \$49K marketing strategy targeting adults 18–44 via social media, regional news, and outdoor ads, projecting 15% YoY (Year-over-Year) customer growth over two years.
- Conducted financial analysis with break-even and five-year plans, forecasting 30% revenue growth by Year 3 through product expansion.
- Implemented risk mitigation for quality, competition, and shipping, reducing projected risk impact by 20%.

**Triple Peaks Library** January 2025

- Developed a responsive library webpage using HTML and CSS, applying best practices in semantic HTML5 and modern CSS techniques like Flexbox and z-index stacking.
- Designed and implemented an interactive library website, focusing on structured HTML5 and visually appealing layouts with CSS.
- Improved website speed by restructuring code and managing assets, cutting load time by 25% and increasing PageSpeed score by 12 points.

**Star Fitness Database** July 2025

- Built a MySQL database for a fitness center to manage members, classes, trainers, and attendance.
- Created user views for membership status and class enrollment, improving data retrieval efficiency.
- Normalized tables to reduce redundancy and boost performance.

## ORGANIZATIONS

**National Society of Black Engineers** September 2024 – Present

Senator/ Public Relations/ Vice President

- Coordinated voting processes for x chapter members during Regional and National Business meetings, ensuring 100% participation rate.
- Facilitated communication between diverse organizations, significantly increasing member engagement and fostering new partnerships.
- Led chapter operations and events to support NSBE's mission and member success in STEM.

**ColorStack** April 2025 – Present

Member

- Engaged with ColorStack's professional development programs, attending events and building connections with industry professionals.
- Participated in ColorStack events and workshops, gaining proficiency in effectively pitching myself to recruiters.
- Connected with mentors through ColorStack network and actively pursuing job applications in full-stack development.