


Brian Niski

in [linkedin.com/in/niski](https://www.linkedin.com/in/niski) |  github.com/brianniski | ✉ niskibrian@hotmail.com | ☎ +1 (631) 836-4673

EDUCATION

Stony Brook University

*MS Concentration in Data Science and Engineering
Master of Science in Computer Science*

Stony Brook, NY

Expected Graduation: May 2028

Farmingdale State College

Bachelor of Science in Computer Science

Farmingdale, NY

Graduation: May 2025

TECHNICAL SKILLS

Databases & Tools: Vite, Supabase, Drizzle ORM, MongoDB, SQLite, AWS S3, Vercel, Git, OpenAI

Frameworks/Libraries: React, Spring Boot, Node.js, Next.js, shadcn/ui, Tailwind CSS

Languages: Java, Python, TypeScript, JavaScript, HTML, SQL, MATLAB

EXPERIENCE

Software Engineer | *ALPR Watch with Louis Rossmann @ Rossmann Repair Group*

October 2025 - December 2025

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- Launched a web-based alert system to scrape and monitor over **18,000** U.S. municipal agendas for discussions on surveillance technology, sending email notifications to over **5,000** citizens about relevant local meetings.
- Designed the webpage frontend using **TypeScript**, **React**, and **Vite** according to project specifications.

Web Developer | *WEB 101: Intro to Web Development with CodePath*

May 2025 - August 2025

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- Completed a **10 week** summer course in **HTML**, **CSS**, and **JavaScript** to develop a single-page event website.
- Refined my leadership skills through weekly team activities, project milestones, submissions, and feedback.
- Successfully deployed a single-page event website that invites the PC community to participate in fun weekly challenges, emphasizing sustainability by using energy-efficient components and minimizing e-waste.

PROJECTS

MABBR-AI | AI Investment Simulator

February 2025 - May 2025

TypeScript, React, MongoDB, AWS S3, OpenAI

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- Deployed a simulated stock trading platform featuring community aspects, leaderboards, profiles, and interactive games.
- Implemented real-time leaderboards and dynamic updates using **WebSocket**, increasing user engagement by **15%**.
- Built a responsive frontend using **Tailwind CSS**, minimizing page load time by **20%**.
- Utilized **AWS S3** to store user profile pictures for efficient data retrieval.

LawDoc-AI | Law Document AI Assistant

April 2025 - April 2025

TypeScript, React, Drizzle ORM, OpenAI

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- Collaborated in a team and secured **1st place** in the **Best Use of AI/ML** track at RamHacks 2025 hackathon.
- Developed an **AI tool** for easy legal document analysis utilizing **RAG** techniques and a supportive AI chatbot.
- Integrated **OpenAI** to process key information from legal documents, decreasing manual review time by **40%**.
- Implemented a **React-based** frontend using **Tailwind CSS**, boosting user interaction efficiency by **30%**.

Ghost-Kitchen | Virtual Restaurant Operations Platform

February 2020 - May 2020

React, Spring Boot, Java, JavaScript

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- Created a virtual restaurant operations platform using **Spring Boot** for the backend and **React** for the frontend.
- Developed **RESTful APIs** that connect the backend and frontend, processing culinary orders with **99%** uptime.
- Implemented data retrieval with RecipePuppy to save and load from local storage, reducing boot time by **25%**.
- Integrated Fetch for pagination and meal search filtering, enhancing the user's experience in site navigation.

HONORS & AWARDS

Epsilon Pi Tau Honor Society

March 2025

Phi Theta Kappa Honor Society

November 2019

Delta Epsilon Phi Honor Society

November 2017

Beverly Broomell Memorial Scholarship

May 2020