

# Brian Niski

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## EDUCATION

### Stony Brook University

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

Stony Brook, NY

*Expected Graduation: December 2027*

### 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, Docker, Git, OpenAI

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

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

## EXPERIENCE



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

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*October 2025 - December 2025*

- 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*



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*May 2025 - August 2025*

- 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 | *TypeScript, React, MongoDB, AWS S3, OpenAI*

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*February 2025 - May 2025*

- 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 | *TypeScript, React, Drizzle ORM, OpenAI*

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*April 2025 - April 2025*

- 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 | *React, Spring Boot, Java, JavaScript*

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*February 2020 - May 2020*

- 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*