

# Brian Niski

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## EDUCATION

### Stony Brook University

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



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

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

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

## 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

### M.A.B.B.R. Investment Simulator | TypeScript, React, MongoDB, AWS S3, Next.js

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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, Next.js

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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, Node.js

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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