Brian Niski

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EDUCATION

Stony Brook University   **Stony Brook, NY**
Master of Science in Computer Science   ***Expected Graduation:** December 2027*

Farmingdale State College   **Farmingdale, NY**
Bachelor of Science in Computer Science   ***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 <u>Louis Rossmann</u> @ Rossmann Repair Group*   ⓞ | ‹/›
October 2025 - December 2025
- Launched a web-based alert system to web scrape and monitor **18,000+** U.S. municipal agendas for surveillance technology proposals, which enables event reporting notifications to citizens via email.
- Designed the webpage's frontend using **TypeScript**, **React**, and **Vite** based on the proposed project specifications.

Web Developer | *WEB 101: Intro to Web Development with <u>CodePath</u>*   ⓞ | ‹/›
May 2025 - August 2025
- This was a **10 week** summer course to learn **HTML**, **CSS**, and **JavaScript** to develop a single-page event website.
- This course refined my leadership skills through weekly team activities, project milestones, submissions, and grading.
- Successfully deployed a single-page event website that invites the PC community to participate in fun weekly challenges, emphasizing sustainability by selecting energy-efficient components and reducing e-waste.

PROJECTS

M.A.B.B.R. Investment Simulator | *TypeScript, React, MongoDB, AWS S3, Next.js*   ⓞ | ‹/›
February 2025 - May 2025
- Deployed a simulated stock trading platform with community features, 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**, reducing page load times by **20%**.
- Utilizes **AWS S3** for storing user's profile pictures, enabling efficient data retrieval.

LawDoc-AI | *TypeScript, React, Drizzle ORM, OpenAI, Next.js*   ⓞ | 🏆
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-powered** tool to simplify legal document analysis, empowering users to upload, summarize, and retrieve information from PDF files using everyday language, and includes the implementation of an **AI chatbot**.
- Integrated **OpenAI** to process key information from legal documents, reducing manual review time by **40%**.
- Implemented a **React-based** frontend using **Tailwind CSS**, improving user interaction efficiency by **30%**.

Ghost-Kitchen | *React, Spring Boot, Java, JavaScript, Node.js*   ⓞ | ▶
February 2020 - May 2020
- Built a virtual restaurant operations web platform using **Spring Boot** as the backend and **React** as the frontend.
- Developed **RESTful APIs** between the backend and frontend, processing **100+** orders daily with **99%** uptime.
- Implemented data retrieval using RecipePuppy, stored and retrieved in local storage, decreasing load time by **25%**.
- Integrated Fetch for page pagination and search filtering for every meal, making it more user friendly.

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*