Brian Niski

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EDUCATION

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

Bachelor of Science in Computer Science   **Graduation**: May 2025
Farmingdale State College, Farmingdale, NY

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 API

EXPERIENCE

Software Engineer | CouncilWatch with Louis Rossmann @ Rossmann Repair Group | ⭘ | ▶
October 2025 - Present
- Contributed core design planning for an upcoming web-based alert system to web scrape and monitor **18,000+** U.S. municipal agendas for surveillance technology proposals, which enables event reporting notifications for citizens.
- 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 CodePath | ⭘ | </>
May 2025 - August 2025
- This was a **10 week** summer course to learn **HTML**, **CSS**, and **JavaScript** and 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

LawDoc-AI | TypeScript, React, Drizzle ORM, Next.js | ⭘
April 2025 - April 2025
- Collaborated in a team to secure **1st place** in the best use of AI/ML track at RamHacks 2025.
- Developed an AI-powered tool to simplify legal document analysis, enabling users to upload, summarize, and query PDF files in plain language and incorporated an AI chat that listens and responds to every user input.
- Integrated **OpenAI API** to process key information from legal documents, reducing manual review time by **40%**.
- Implemented a **React-based** frontend with **Tailwind CSS**, improving user interaction efficiency by **30%**.

M.A.B.B.R. | 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.
- Built a responsive frontend with **Tailwind CSS**, reducing page load times by **20%**.
- Implemented real-time leaderboards and dynamic updates with **WebSocket**, increasing user engagement by **15%**.
- Utilizes **AWS S3** for storing user's profile pictures, enabling efficient data retrieval.

Ghost-Kitchen | React, Spring Boot, Java, JavaScript, Node.js | ⭘
February 2020 - May 2020
- Developed 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 with the RecipePuppy API, saved and loaded in local storage, decreasing load time by **25%**.
- Implemented page pagination and search filtering with the Fetch API 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