

Brian Niski

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Education

Master of Science in Computer Science
Stony Brook University, Stony Brook, NY

Expected Graduation: December 2027

Bachelor of Science in Computer Science
Farmingdale State College, Farmingdale, NY

Graduation: May 2025

Technical Skills

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

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

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

Software: Visual Studio Code, IntelliJ IDEA, Git

Concepts: Full-Stack Development, Data Structures, Algorithms, AI Integration, RESTful APIs

Experience

Software Engineer | CouncilWatch with [Louis Rossmann](#) | [GitHub](#) | [YouTube](#)

October 2025 - Present

- Louis Rossmann is an American independent electronics technician, YouTuber, and consumer rights activist.
- Contributed ideas for an upcoming web-based alert system to monitor and web scrape **18,000+** U.S. municipal agendas for surveillance technology proposals, which enables event reporting and 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](#) | [GitHub](#) | [Website](#) | [Course Certificate](#)

May 2025 - August 2025

- This was a **10 week** summer course to learn HTML, CSS, and JavaScript and 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

LawDoc-AI | TypeScript, React, Next.js, Tailwind CSS, Drizzle ORM, OpenAI API | [GitHub](#)

- 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, Next.js, Tailwind CSS, MongoDB, AWS S3, Better Auth | [GitHub](#) | [Website](#)

- 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 | Java, JavaScript, Spring Boot, React, Node.js | [GitHub](#)

- Developed a virtual restaurant operations web platform using Spring Boot for the backend and React for 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%**.
- Successfully mastered the foundations of database interactions with CRUD operations and processing web forms.

Honors & Awards

Epsilon Pi Tau Honor Society

Inducted: March 2025

Phi Theta Kappa Honor Society

Inducted: November 2019

Delta Epsilon Phi Honor Society

Inducted: November 2017

Beverly Broomell Memorial Scholarship

Awarded: May 2020