Brian Niski

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Address: 14 Pinoak Ln, Saint James, NY 11780

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, TypeScript, JavaScript, HTML, SQL
- **Frameworks/Libraries**: React, Node.js, Spring Boot, Next.js, Vite, Tailwind CSS
- **Databases & Tools**: Drizzle ORM, MongoDB, SQLite, AWS S3, OpenAI API
- **Software**: Microsoft Office (Word, PowerPoint, Excel), IntelliJ IDEA, Visual Studio Code, Git
- **Concepts**: Full-Stack Development, Data Structures, Algorithms, AI Integration, RESTful APIs

Experience

Project Collaborator | F.A.F.O. Project with Louis Rossmann | YouTube
October 2025 - Present

- Contributed to planing for an upcoming web-based alert system to monitor 18,000+ U.S. municipal agendas for surveillance technology proposals, enabling citizen notifications.
- Our team is considering on using TypeScript React, Vite, and Drizzle ORM as the tech stack for the web development side of the project.

Web Developer | WEB 101: Intro to Web Development with CodePath | GitHub | Certificate
May 2025 - August 2025

- This was a 10 week course covering the material on HTML, CSS, and JavaScript with weekly project milestones, submissions, and grading, and earned a certificate of achievement in honors upon completion of the course.
- Successfully developed a single-page event website project involving inviting the PC community that includes fun weekly challenges that emphasizes sustainability through selecting energy-efficient components and reduce e-waste.
- Contributed to weekly team building programming activities in an assigned group involving Peer Programming playing the role as the Driver and Navigator.

Projects

LawDoc AI | TypeScript, Next.js, React, Tailwind CSS, Drizzle ORM, OpenAI API | GitHub

- Developed an AI-powered tool to simplify legal document analysis, enabling users to summarize and query complex PDFs in plain language.
- Designed and implemented a React-based frontend with Tailwind CSS, improving user interaction efficiency by 30% through intuitive interfaces.
- Integrated OpenAI API to process and extract key information from legal documents, reducing manual review time by 40%.
- Collaborated in a team to secure 1st place at RamHacks 2025 by delivering a scalable TypeScript backend with Next.js.

MABBR | TypeScript, Next.js, MongoDB, Tailwind CSS, AWS S3, Better Auth | GitHub

- Developed a simulated stock trading platform with community features, leaderboards, profiles, and interactive games as a team-based senior project.
- Built a responsive frontend with Tailwind CSS, reducing page load times by 20% across mobile and desktop devices.
- Implemented AWS S3 for secure storage of user profile data and game assets, enabling efficient data retrieval.
- Developed real-time leaderboards using WebSocket, increasing user engagement by 15% through dynamic updates.

Ghost Kitchen | Java, JavaScript, React, Node.js, Spring Boot, RESTful APIs | GitHub

- Engineered a web platform for virtual restaurant behind operations as my final project for Advanced Object-Oriented Programming.
- Developed a Spring Boot backend with RESTful APIs, processing 100+ orders daily with 99% uptime during testing.
- Designed a React-based frontend, enhancing user experience with dynamic order tracking and intuitive navigation.