Brian Niski

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Education

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

Technical Skills

- **Languages**: Java, TypeScript, JavaScript, SQL
- **Frameworks/Libraries**: JavaFX, React, Node.js, Spring Boot, Next.js, Vite, Chakra UI, Tailwind CSS
- **Databases & Tools**: MongoDB, SQLite, Firebase, AWS S3, OpenAI API
- **Software**: Microsoft Office (Word, PowerPoint, Excel)
- **Concepts**: Algorithms, Data Structures, Full-Stack Development, AI Integration, RESTful APIs

Projects

LawDoc AI | TypeScript, Next.js, React, Tailwind CSS, 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 | 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 | 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.

SustainableShare | TypeScript, Vite, MongoDB, Chakra UI | GitHub

- Built a storage room management system to streamline inventory tracking and optimize space allocation for small businesses.
- Engineered a Vite-based web application with Chakra UI, enhancing data retrieval speed by 25% with server-side rendering.
- Developed MongoDB schemas enabling real-time updates and reducing data entry errors by 15%.
- Contributed to project development during HopperHacks 2025, delivering a functional prototype under tight deadlines.

CarMart | Java, JavaFX, Firebase | GitHub

- Developed an e-commerce platform for buying and selling cars online as a team project for Software Engineering.
- Built a JavaFX-based GUI, enabling 50+ users to browse and interact with car listings intuitively.
- Integrated Firebase for real-time database management, ensuring 95% data consistency for listings and transactions.

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