Brian St-Juste

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[Linkedin](#)| [Github](#) | [Portfolio](#)

EDUCATION

UNIVERSITY AT ALBANY   **Albany, NY**
Bachelor in Computer Science, Minor Informatics   **2023 - 2025**

MONROE COLLEGE   **New Rochelle, NY**
Associates In Computer Information Systems   **2021 - k2022**

WORK EXPERIENCE

Software Engineer | Healthfirst   **New York, NY | June - August 2024**
- Created **Helpfirst**, a Chrome extension AI chatbot for **100+ developers**, enhancing productivity by **8%** with tailored LLMs and a customizable user interface.
- Developed **Care Connect**, a consumer-facing form aiding **500,000 prospective members** in selecting primary care physicians, increasing enrollment by 8% and helping Healthfirst surpass **2,000,000 members**.

Software Engineer | HeadStarter   **Remote| August - October 2024**
- Built a Python-based model predicting house prices with **90% accuracy** using Linear Regression and Random Forest on **10,000+ data points**, reducing query time by **20%** through interactive visualizations and a user-friendly interface.
- Developed a real-time stock tracker supporting **1,000 users**, integrating live data from Yahoo Finance and an LSTM model with **85% accuracy**, featuring interactive charts and customizable watchlists for timely investment insights.

Peer Tutor/ Mentor| University At Albany   **Albany, NY| August 2023 - Present**
- Provide one-on-one and group tutoring sessions for 200 and 300 level computer science courses, enhancing student understanding of complex concepts, mentoring and tutoring over 150 students.
- Assist students in mastering topics such as algorithms, data structures, object-oriented programming, and software development principles.

PROJECTS

AdamAI |Full Stack Developer   **Github| [View Project](#)**
- Created a **GPT-powered** chatbot platform with **1000+ users**, **92%** satisfaction, and features like personalized bots, data management, and real-time interactions, reducing manual tasks by **30%.**
- Improved engagement by **15%**, retention by **12%**, and reduced operational costs by **20%**, with zero downtime handling **1000+** daily requests.

LinkedIn Inspired Website | Full Stack Developer   **Github| [View Project](#)**
- Built a high-performance job board inspired by LinkedIn, featuring **AI job matching,** real-time notifications, and interactive company profiles, boosting job postings by **11%**.
- Designed a scalable backend, reducing errors and downtime by **10%**, and achieving a **13%** revenue increase.

Project Management Website| Full Stack Developer   **Github| [View Project](#)**
- Built a project management app supporting **1,000+ users**, improving team efficiency by **15%**, with features like project creation, team management, and role assignment..
- Designed a **user-friendly interfac**e, reducing downtime by **12%** and ensuring reliable performance through backend optimization.

Programming Language Compiler | Back End Developer   **Github| [View Project](#)**
- Created a Python interpreter in Java with lexical analysis, parsing, and semantic analysis, supporting syntax verification and abstract syntax tree generation.
- Enhanced reliability by **10%** with advanced error handling and optimized the development pipeline for multiple languages, improving efficiency and fostering experimentation.

LEADERSHIP EXPERIENCE | CLUBS

National Society of Black Engineers | Board Member   **New Rochelle, NY/Albany, NY | August 2021 – Present**
- Organized coding workshops and collaborative projects, driving a **10%** increase in membership within one semester through effective marketing strategies, including social media campaigns, campus flyers, and partnerships with student organizations.

Institute of Electrical and Electronics Engineers | Board Member   **Albany, NY | January 2023 – Present**
- Mentored over 70 underclassmen and organized events with over 200 in attendance to enhance technical skills and collaboration.

ColorStack | Member   **Remote| July 2024 – Present**
- Contributed to a diverse tech community through mentorship, collaborative projects, and attending events in the city over the summer.

SKILLS

- Programming Languages: **Java, Python, Kotlin, Objective-C, Swift, PHP, Ruby, C, C#, C++, JavaScript, HTML, CSS, SQL**
- Web Development: Skilled in web technologies such as **React, Django, Azure, AWS,** and **VMware**