

Hasib Rahman Shaif

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EDUCATION

Baruch College

08/2022 - 06/2026

Computer Science Bachelor of Science, Minor in Marketing

Cumulative GPA: 3.47/4.0

Dean's Scholars List (05/2023, 09/2023, 01/2024)

Relevant Courses: Computer Science I & II, Calculus I & II, Discrete Math, Probability, Computer Architecture, Cybersecurity, Database Management, Computer Networking

SKILLS

Programming Languages/Frameworks: Python, JS, TS, React.js, Node.js, Next.js, C/C++, SQL, Tableau, HTML, CSS, Bootstrap

Other Tools/Platforms: Git, GitHub, Pandas, Selenium, MUI, shadcnUI, Firebase, Clerk, OpenAI API, Pinecone, Langchain

Design: Figma, Canva, Adobe Photoshop, Adobe Premiere Pro, DaVinci Resolve 17

Languages: English (Proficient), Bengali (Proficient), Arabic (Foundational)

AWARDS & RELEVANT CERTIFICATIONS

Forage - JPMorgan Software Engineering Job Simulation; Google - Foundations of Cybersecurity; Harvard - Introduction to Computer Science (CS50x); LinkedIn Learning – Intro to Web APIs; CodePath - Intro to Web Development (WEB 101);

PERSONAL PROJECTS

Portfolio Website | Skills: JS, HTML, CSS, Bootstrap

- Created a personal hub to showcase all skills, projects, timeline of education and experiences, and contact information.
- Implemented with Javascript, HTML, CSS, and Bootstrap, and deployed for a responsive and easy-to-navigate website.

GitHub repository: <https://github.com/hasibshaif/Portfolio-Website>

Deployed website: <http://hasibshaif.us/>

Supercar AI Chatbot | Skills: Next.js, Node.js, TS, OpenAI API, Langchain, Pinecone, MUI, shadcn/ui, Tailwind CSS, Clerk

- Developed a full-stack Next.js AI chatbot for car enthusiasts that queries supercar manuals, integrating Langchain for document processing, OpenAI API for embedding models and LLM, and Pinecone for vector storage.
- Designed a user-friendly interface with MUI, shadcn/ui, and Tailwind CSS, and Clerk for auth flow management.

GitHub repository: <https://github.com/hasibshaif/Supercar-AI-Chatbot>

Carbs Tracker Web Application | Skills: Next.js, Node.js, Firebase, Material UI, APIs, Vercel

- Built a full-stack Next.js web application for tracking daily carb intake. Used MUI components for a responsive front-end, Firebase for backend-features including authentication, and Firestore for database management.

GitHub repository: <https://github.com/hasibshaif/Carb-Tracker>

EXPERIENCE

Headstarter AI – Software Engineering Fellow

07/2024 – Present

- Engineered 5+ AI apps, using modern technologies including Next.js, OpenAI, Pinecone, StripeAPI, achieving 98% accuracy.
- Collaborated with 4+ engineering fellows on projects through the entire development cycle, employing MVC design patterns to streamline processes from design to deployment.
- Coached by Amazon, Bloomberg, and Capital One engineers on Agile, CI/CD pipelines, Git, and microservice patterns.

CodePath – Tech Fellow

05/2024 – Present

- Mentored 250+ students hone their Python skills to become efficient in their problem-solving approach using data structures and algorithms and improving technical interviewing ability (CodePath's TIP 101 course), and helping them build a website from scratch using HTML, CSS, and JS (CodePath's WEB 101 course).
- Served as CodePath's point of contact at Baruch, recruiting over 30 students from personal networks to CodePath's programs.

Webacy – Web3 Security Data Analytics Extern

04/2024 – 05/2024

- Analyzed and labeled smart contract vulnerabilities, enhancing data categorization and risk assessment skills.
- Performed frequency and correlation analysis using statistical tools to identify contingencies in crypto and Web3 technologies.
- Used unsupervised machine learning for cluster analysis, and utilized SQL, Python, Excel, and Tableau for data manipulation.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Technology Leadership Development Program (TLDP) – Technology Student Leader

08/2024 – Present

- Selected as 1 of 35 Baruch students to participate in a year-long enrichment program to hone hard and soft skills weekly with professionals.
- Attained hands-on technical knowledge and skills from Amazon, Google, Microsoft, Infor professionals like Power BI, Big Data, VCS, and enhanced skills in SQL and Python through projects.
- Attended weekly professional development and career workshops to develop interpersonal and leadership skills.