

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, Computer Science II, Calculus I, Calculus II, Discrete Math, Probability, Computer Architecture, Cybersecurity, Database Management, Computer Networking

SKILLS

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

Other Tools/Platforms: Git, GitHub, Google Workspace Apps, Microsoft Office, Windows OS, Linux OS, macOS, VS Code, PyCharm, Pandas, Selenium, MUI, Firebase, Clerk, OpenAI API, Pinecone, Langchain

Design: Figma, Canva, Adobe Photoshop, Adobe Premiere Pro, Adobe After Effects, DaVinci Resolve

Practical: Communication, Teamwork, Detail-Oriented, Fast-Learner, Leadership, Mentoring, Organization, Research

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

AWARDS & RELEVANT CERTIFICATIONS

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*

- Personal hub to showcase all skills, projects, timeline of education and past 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: <https://hasibshaif.github.io/Portfolio-Website/>

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-powered 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 12-16 students per meeting for CodePath's TIP 101 course with honing Python skills to understand data structures, creating algorithms, becoming efficient in their problem-solving approach, and improving technical interviewing ability.
- Built rapport with both students to support their growth, and staff to enhance student experience and for growing own network.
- 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, 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 to participate in year-long enrichment program to hone hard and soft skills weekly with 1-2 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.