

Hasib Rahman Shaif

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EDUCATION

Baruch College, Weissman School of Arts and Sciences

08/2022 - 05/2026 (Expected)

Bachelor of Science in Computer 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 Systems, Computer Networking

SKILLS

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

Tools/Platforms: Git, GitHub, AWS, Langchain, Pandas, Selenium, Firebase, Clerk, OpenAI API, Pinecone

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

Foreign Languages: 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 \(WEB 101\)](#);

EXPERIENCE

Pulp Internet – Web Development Intern

09/2024 – Present

- Led the design and development of Pulp's website ([pulp.chat](#)), refactoring the Next.js and TypeScript codebase to address type inconsistencies and enhance maintainability to ensure smoother integration of new features and reducing runtime errors, delivering a highly responsive, user-centric interface that elevated Pulp's brand presence.
- Collaborated with other web developers to create product demos (including [pulpdebates.com](#)) for investment showcases, retrieving data from machine learning algorithms to enhance user understanding and interactions with complex datasets.
- Leveraged D3 within React components to bind data to SVG node objects, creating dynamic, interactive data visualizations in Observable. Ensured compatibility and responsiveness across browsers and devices.
- Integrated dynamic 3D models built with Spline and Blender into responsive Next.js and Three.js applications.
- Worked closely with the data science team, using Agile methodologies to ensure seamless data incorporation and accurate representation through constant communication and feedback.

CodePath – Tech Fellow

05/2024 – Present

- Mentored 250+ CodePath students to hone their Python skills to become efficient in their problem-solving approach using data structures and algorithms and improving technical interviewing ability (TIP 101 course), and helping them build a website from scratch using HTML, CSS, JavaScript, and Bootstrap (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 – 06/2024

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

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>

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Technology Leadership Development Program (TLDP) – Technology Student Leader

08/2024 – Present

- Selected as 1 of 35 Baruch students for a year-long enrichment program to hone hard and soft skills with professionals.
- Attained hands-on technical knowledge and skills from Amazon, Google, Accenture, 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.