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, Bootstrap, Tailwind CSS

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

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

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.