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 Communication Studies
Cumulative GPA: 3.47/4.0   **Dean's Scholars List** (05/2023, 09/2023, 01/2024)
Relevant Courses: Computer Science I & II, Data Structures & Algorithms, Calculus I & II, Discrete Math, Operating Systems, Computer Architecture, Cybersecurity, Database Management Systems, Computer Networking

SKILLS

Programming Languages/Frameworks: Python, JS, TS, React.js/React Native, Next.js, C++, SQL, HTML, CSS, Bootstrap
Tools/Platforms: Git, GitHub, AWS, MongoDB, Langchain, Pandas, Selenium, Firebase, OpenAI, Pinecone, Microsoft Office
Design: Figma, Spline, Blender, Adobe Photoshop, Adobe Premiere Pro, DaVinci Resolve 17, Canva

AWARDS & RELEVANT CERTIFICATIONS

Forage - JPMorgan SWE Job Simulation; **Google -** Cybersecurity; **Harvard -** CS50x; **CodePath -** WEB 101;

EXPERIENCE

Pulp Internet – Software Development Intern   *09/2024 – Present*
- Led the **design** and **development** of Pulp's website (pulpinternet.com), refactoring existing **Next.js** and **TypeScript** codebases to resolve **100+ type inconsistencies**, enhance **maintainability**, eliminate **runtime errors**, and streamline **feature integration**, delivering a highly **responsive**, user-centric interface that strengthened Pulp's brand presence.
- Collaborated on developing the Suade app prototype using **React Native** and designed **REST APIs** to enable real-time debate conversations, ensuring optimized cross-platform performance on **iOS** and **Android**.
- Developed product demos for investment showcases, partnering with the **data science** team using **Agile** to visualize **machine learning data**, enhancing user engagement with complex datasets, and secured a **$5,000 investment** for Pulp.
- Wrote scalable **AWS Lambda** functions for seamless integration with a **machine learning algorithm** and used **S3** for data storage, enabling the transition of Pulp's resources to a cloud-native architecture and laying the foundation for future scalability.
- Built **15+** interactive **data visualizations** with **D3** from **Observable**, and integrated 3D models using **Spline** and **Blender**, ensuring **cross-browser compatibility** and responsive design in **Next.js** and **Three.js** applications.

CodePath – Tech Fellow   *05/2024 – Present*
- Mentored **250+ students** in honing **Python** and **Leetcode** problem-solving skills for **technical interviewing** (TIP 101), and supported students in building websites using **HTML**, **CSS**, **JavaScript**, and **Bootstrap** (WEB 101).
- Served as Baruch's point of contact, recruiting **30+ students** to CodePath programs.

Webacy – Web3 Security Data Analytics Extern   *04/2024 – 06/2024*
- Enhanced **risk assessment** and **data categorization** by analyzing and labeling **200+ smart contract** vulnerabilities, improving **business intelligence** accuracy, and bolstering **business analysis** skills.
- Performed frequency and correlation analysis with statistical tools to find **15+** contingencies in **crypto** and **Web3** technologies.
- Leveraged **unsupervised machine learning** for **cluster analysis** and utilized **SQL**, **Python**, **Excel**, and **Tableau** to manipulate and visualize **10,000+ data points**, driving strategic business insights.

PROJECTS

Portfolio Website | *Skills: Next.js, TypeScript, Framer Motion, shadcn/ui*
- Created a **responsive** personal hub to showcase skills, projects, education, experiences, and contact information.
GitHub repository: https://github.com/hasibshaif/Portfolio-Website
Deployed website: http://hasibshaif.us/

Kronicle | *Skills: React.js, Next.js, Node.js, TypeScript, Tailwind CSS, Framer Motion, MongoDB, Nylas*
- Developed a full-stack Calendly-inspired scheduling platform with **Next.js**, leveraging **MongoDB** for event and profile storage.
- Integrated **Nylas API** for secure **authentication** and calendar sync, enabling seamless **Google Calendar integration**.
- Implemented **real-time** event sharing and availability updates, accounting for both registered and guest users.
GitHub repository: https://github.com/hasibshaif/Kronicle

Accenture & TLDP - Enhancing NYC IEPs with Tech Support | *Role: Project Manager & UX/UI Designer*
- Led team in **research** and **data analysis** on NYC's Individualized Education Program (IEP) and its effect on over **200,000** eligible students, focusing on **streamlining processes** and addressing gaps in **data collection** and real-time monitoring.
- Designed UI for a teacher-optimized platform with **AI-driven insights** to enhance accessibility for **29,000** preschool students and improve service delivery for **65.6%** of IEP students integrated into general classrooms.
- Presented a tech proposal for Accenture officials, demonstrating **scalable solutions** to enhance NYC's IEP processes and improve academic support for special education students.

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**, and **Infor** professionals like **Power BI**, **Big Data**, and **VCS**, and enhanced skills in **SQL** and **Python** through **technical projects**.
- Attended weekly **professional development** and career workshops to develop **interpersonal** and **leadership** skills.