

# Hasib Rahman Shaif

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## EDUCATION

### Baruch College, Weissman School of Arts and Sciences

Expected Graduation: December 2026

Bachelor of Science in Computer Science

Minor in Mathematics, Minor in Statistics & Quantitative Modeling

Cumulative GPA: 3.41/4.0

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

**Relevant Courses:** Data Structures & Algorithms, Object-Oriented Programming (C++), Software Engineering, Web Engineering, Databases, Operating Systems (Linux/Unix), Computer Architecture, Computer Networking, Discrete Math, Calculus, Probability

## EXPERIENCE

### Addinex Technologies – Software Engineer Intern

05/2025 – Present

- Developed full-stack clinician and research portal (**Next.js** frontend, distributed **Nest.js** microservice backend) to track opioid dispensing and patient adherence across 5 clinical studies.
- Containerized microservices with **Docker** and configured **CI/CD pipelines**, reducing deployment time by **70%**.
- Implemented core features for prototype **React Native** app, *Pillguin*, replacing legacy platform to enhance UX and support safe medication access for **100+** patients.
- Built and validated HIPAA-compliant **REST APIs** using **Postman** to collect usage metrics for clinician decision support.

### CodePath – Tech Fellow & Teaching Assistant

05/2024 – 05/2025

- Mentored **150+** students in **Python** and Leetcode problem-solving for technical interviews (TIP 101).
- Guided **200+** students in building personal websites with **HTML**, **CSS**, **JavaScript**, and **Bootstrap** (WEB 101).

### Cobalt Speech & Language – Software Engineering Intern

09/2024 – 04/2025

- Refactored **Next.js/TypeScript** codebase for company site, resolving **300+** type errors, improving **React** component reusability, reducing runtime errors by **90%**, and strengthening brand perception.
- Pioneered **React Native** app, *Suade*, integrating **AWS IVS** livestreams, **Neo4j** user profiles, and Cobalt's proprietary AI.
- Engaged with data science team via **Agile/Jira** to visualize complex ML data, securing a **\$5k** investment through demos.
- Constructed cloud infrastructure using **AWS (Lambda, S3, EC2)** to support ML pipelines and future scalability.
- Designed **15+** data visualizations with **D3.js**, **Observable**, and 3D models (**Spline**, **Blender**, **Three.js**) to boost engagement.

### Metropolitan Transportation Authority – Software Engineering Intern

12/2024 – 02/2025

- Overhauled manual, paper-based payroll adjustment system with automated **Next.js** digital timesheet platform, reducing processing time and resource usage by **60%** and payroll errors by **80%**.
- Designed **Node.js RESTful APIs** with **PostgreSQL** database to store **1,200+** employee records with role-based access control.
- Accelerated manager approvals by **100%** with **SQL CRUD** operations and integrating with existing payroll infrastructure.

## PROJECTS

### AI Resume Tailor | Skills: Python, Flask, OpenAI, AWS S3/IAM, Next.js, TypeScript, Tailwind CSS, Motion, Render, Vercel

- Built **Flask** backend to parse, customize with **OpenAI**, and serve **RESTful** endpoints for AI-enabled resume customizations.
- Designed modern **Next.js**, **TypeScript**, and **Tailwind CSS** frontend with animated interactions using **Motion**.
- Implemented secure file management with **AWS S3/IAM** and scalable deployment pipelines using **Render** and **Vercel**.

GitHub repository: <https://github.com/hasibshaif/tailor-AI-Resume-Tailor>

### Portfolio Website | Skills: Next.js, React.js, TypeScript, Motion, Tailwind CSS, shadcn/ui

- Created a responsive personal website to showcase skills, education, experiences, projects, and contact information.

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

## LEADERSHIP & PROFESSIONAL DEVELOPMENT

### Baruch Full Stack (BFS) – Co-Founder

01/2025 – Present

- Co-founded Baruch's premiere project-driven software engineering club, cultivating growth for aspiring tech professionals.
- Directed development of full-stack applications for other student organizations, businesses, and other Baruch-affiliated entities.

### Technology Leadership Development Program (TLDP) – Technology Student Leader

08/2024 – 05/2025

- Selected as **1 of 35** Baruch students for a year-long enrichment program to hone technical and soft skills with professionals.
- Gained hands-on experience working on technical projects with tools like **Python**, **SQL**, and **PowerBI**.

## SKILLS

**Programming Languages:** Python, JavaScript, TypeScript, C++, SQL, HTML, CSS

**Frameworks/Libraries:** React.js, Next.js, Node.js, Nest.js, React Native, Bootstrap, Pandas, Matplotlib, Seaborn, NumPy, D3.js

**Tools/Platforms:** Git, GitHub, AWS (S3, Lambda, EC2), Docker, MongoDB, Jupyter, Postman, Microsoft Excel, PowerBI, Tableau

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

## AWARDS & RELEVANT CERTIFICATIONS

Forage - [JPMorgan SWE Job Simulation](#); Google - [Cybersecurity](#); Harvard - [CS50x](#); CodePath - [WEB 101](#);