Hasib Rahman Shaif

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Undergraduate at Baruch College majoring in Computer Science with a strong passion for expanding knowledge in the technology field. Looking for careers to pursue in Software Development, Full-Stack Web Development, Data Science, Cybersecurity, & IT.

EDUCATION

Baruch College *08/2022 - 06/2022*
Computer Science Bachelor of Science, Minor in Marketing
Cumulative GPA: 3.825/4.0   Dean's Scholars List (05/2023, 09/2023, 01/2024)
Relevant Courses: Computer Science I, Computer Science II, Calculus I, Calculus II, Discrete Math, Computer Networking, Computer Architecture, Cybersecurity, Database Management

SKILLS

Programming Languages/Frameworks: Python, JS, React.js, React Native, Node.js, Next.js, C/C++, SQL, HTML, CSS
Other Technical: Git, Firebase, Pandas, Selenium, Google Workspace Apps, Microsoft Office 365, Linux OS, Windows OS, macOS, VS Code, PyCharm, OpenAI, Pinecone, StripeAPI
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

Harvard - Introduction to Computer Science (CS50x); **LinkedIn Learning –** Intro to Web APIs; **CodePath** - Intro to Web Development (WEB 101); **International Socioeconomics Laboratory** - Certificate of Fellowship Completion

PERSONAL PROJECTS

Cri$$ Cro$$ Currency Converter Web Application
- Developed a dynamic Currency Converter Web Application using HTML, CSS, and JS. Integrated the Open Exchange Rates API to provide real-time exchange rate data. Implemented features such as currency conversion, popular conversions, a swap currency button, and a full list of currencies. Demonstrated proficiency in full-stack web development and API integration.

GitHub repository: https://github.com/hasibshaif/Criss-Cross-Currency-Converter

2048 Auto-Player in Python
- Developed an automated player for the 2048 web game using Python and Selenium WebDriver. Scripted interactions with game elements to simulate key presses, including detection of game over and game won states. Implemented error handling and logging for improved robustness and debuggability.

GitHub repository: https://github.com/hasibshaif/2048_automator

Hangman Game in Python
- Developed a Python program for the classic Hangman game, using ASCII art to replicate the real game. Integrated a CSV file of words for replayability. Managed input validation, error handling, and modular design for streamlined execution.

GitHub repository: https://github.com/hasibshaif/hangman

EXPERIENCE

Headstarter AI – Software Engineering Fellow *07/2024 – Present*
- Built 5+ AI apps and APIs using Next.js, OpenAI, Pinecone, StripeAPI, with 98% accuracy.
- Developed projects from design to deployment leading 4+ engineering fellows using MVC design patterns.
- Coached by Amazon, Bloomberg, and Capital One engineers on Agile, CI/CD, 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 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 network to CodePath's programs.

Reference: Vasanth Banumurthy (Tech Fellow Manager) – vasanth@codepath.org

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.