

MAHIB RAHMAN

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EDUCATION

Adelphi University, Honors College

B.S. in Computer Science with a Concentration in Cybersecurity — GPA: 4.0

Garden City, New York

Graduation: May 2027

EXPERIENCE

Headstarter AI - Software Engineering Fellow

July 2024 – Present

Internship

- Currently developing an “Advice Bot” in a team of four, utilizing Pinecone and Open API to deliver personalized advice for any problem to over 1000 users.
- Built 5 full-stack applications to demonstrate my expertise in technologies such as Next.js, React, Open API, Stripe API, and Firebase.
- Actively participated in regular team meetings to gather feedback and ensure project milestones were met on schedule.
- Mentored by senior engineers from top-tier companies including Amazon, Bloomberg, and Capital One.
- Leveraged Pinecone, Open API, Stripe API, React, Next.js, Python, JavaScript, HTML, CSS, Material UI, Git Version Control, Vercel, Clerk, Firebase

All Star Code – Summer Intensive Scholar

July 2022 – Aug 2022

Internship

- Collaborated in a group of three to develop "Financier," a website designed to help users save money using JavaScript, HTML, and CSS.
- Presented the “Financier” project to prominent sponsors such as Goldman Sachs and Spotify, achieving project success.
- Learned how to utilize Git Bash for version control and project management.
- Gained practical experience in game design using "p5.js."
- Leveraged JavaScript, HTML, CSS, Firebase, GitHub, p5.js

PROJECTS

Flashcardify

July 2024 – Aug 2024

- Worked with a team of four to develop an AI flashcards app, enabling students to generate flashcards on any topic without manual input, for 200+ users.
- Implemented secure user authentication and authorization using Clerk.
- Set up a payment system using Stripe API to allow users to access premium content.
- Utilized React, Next.js, Material UI, GitHub, Vercel, Clerk, Stripe API, Open API, Firebase

Customer Support AI Chatbot

July 2024 - Aug 2024

- Created an AI-powered chatbot in a team of three to assist 50+ users with common technical problems or issues.
- Integrated Open API to allow seamless communication between the chatbot and users.
- Utilized React, Next.js, Material UI, GitHub, Vercel, Firebase, Open API

Supply Tracker

June 2024 - July 2024

- Designed and developed a web application for users to easily manage and track inventory supplies.
- Incorporated Firebase for data storage and Google Authentication for user-specific access.
- Used GitHub for version control and deployed the application on Vercel.
- Utilized React, Next.js, Material UI, GitHub, Firebase, Vercel

Bank Simulator

Feb 2024 - May 2024

- Developed a bank simulator using Java to mimic real-world banking operations such as deposits, withdrawals, and transfers.
- Implemented file input and output systems to manage the account information for customers.
- Incorporated user authentication to make sure the user’s transactions are secure.
- Conducted JUnit testing to guarantee the application works as intended.
- Utilized Java, JUnit, GitHub

SKILLS

Proficient: Java, Python, JavaScript, HTML, CSS, Material UI, Git Version Control, Vercel, React, Next.js, Pinecone, Clerk, Stripe API, Open API, Firebase, Data Structures and Algorithms

Familiar: Linux Administration