

Abdullah Bazz

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EDUCATION

Georgia Institute of Technology

Bachelor of Science (BS) in Computer Science

Expected Graduation: May 2026

GPA: 3.54/4.0

Google Course Certificate

Cybersecurity

Jan 2025

168 Hours

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C, HTML, CSS, Assembly

Frameworks: React, NextJS, Sass, Tailwind CSS

Cloudservices: Firebase

Development Tools: Vite, Overleaf

EXPERIENCE

Software Engineering Intern

German Performance

May 2024 – Present

Atlanta, Ga

- Utilizing React and Tailwind to develop a website, anticipated to boost user engagement by an estimated 40% as projected through anticipated increases in website traffic and user interaction.
- Created media queries for a responsive and adaptive viewing experience.
- Leveraged APIs for appointment scheduling, authentication, and displaying real user reviews.

Java Tutor

Georgia Tech

Aug 2023 – Present

Atlanta, Ga

- Currently tutoring around 10 students in Java resulting in an average grade increase of 9%.
- Developing and implementing personalized tutoring strategies that cater to individual learning styles for students.

PROJECTS

AI Chatbot | Langchain, NextJS, OpenAI LLM, JavaScript

- Developed an AI-powered mechanic chatbot using OpenAI's LLM to provide responses to common inquiries.
- Implemented Langchain for Retrieval-Augmented Generation (RAG), enhancing the chatbot's ability to provide accurate and context-aware answers by adding relevant data sources.
- Built the front-end using Next.js and JavaScript, creating a responsive and user-friendly interface.

Spotify Analytics Dashboard | Java, Firebase Auth, Spotify API, OpenAI LLM, Android Studio

- Leveraged the Spotify API along with Firebase to authenticate users and retrieve their listening data, providing music summaries.
- Enhanced user experience by utilizing machine learning technologies to deliver customized content and insights based on individual music preferences.
- Developed robust back-end services in Java, including data handling, API integration, and database management, ensuring seamless performance and scalability for the application.

RSA Cryptologies Calculator | React Hooks, Vite, JavaScript, Tailwind

- Designed and developed an RSA Encryption Calculator using React, providing users with real-time encryption and decryption capabilities.
- Utilized event listeners and React hooks to manage variable states efficiently instantly update output fields, reducing input processing time by 25%
- Leveraged React for component-based design and Vite for fast builds, creating a dynamic, user-engaging experience.

ACTIVITIES

Georgia Tech VIP Program | Researcher

- Focused on building tools that progress from descriptive analytics to predictive analytics. (Python, Java)

Muslim Student Association | Activities Committee Member

- Work with fellow committee members to plan and execute engaging events for over 300 participants

Other Affiliations: Color Stack, Bits of Good, Intermural Soccer