

Education

Georgia Institute of Technology | Master of Science in Computer Science Expected May 2027
Kennesaw State University | Bachelor of Science in Computer Science | 3.56 GPA December 2024

Certifications

CodePath | Intro to Web Development September - December 2024

- Developed a website using HTML, CSS, and JavaScript.
- Implemented Flexbox, layouts, async/await, animations, and web design best practices to enhance functionality.

Skills

Concepts: Agile, Testing, Business Analytics, Business Intelligence, Quality Assurance, Data Mining, Data Warehousing
Languages/Libraries: Python, Java, HTML/CSS, Javascript, SQL, PL/SQL, R, ECL, OpenAI, GPT-4o API, Discord.py, Flask, Meta Llama
Developer Tools: VS Code, WordPress, Git, Github, Oracle, Power BI, SSIS, Microsoft Fabric, MySQL Server, Amazon AWS, Docker

Projects

Web Development www.naileditstudio.com | March 2021 - Current

- Designed and developed a dynamic website for Nailed It Studio using **HTML**, **CSS**, and **JavaScript**, increasing **traffic by 50%**.
- Performed ongoing maintenance, achieving **99% uptime** and reducing page load times by **20%** for improved performance.

Open AI API Development August - December 2024

- Utilized natural language processing to enhance communication and interaction within the AI Club by developing a Discord chatbot with **discord.py** and **GPT-4o**, improving user engagement and information sharing.
- Created custom prompts for the AI Club at KSU, boosting member engagement by **15%**.

Flask Web App Development <https://ksumentorshipapp.pythonanywhere.com> | August - December 2024

- Built a mentorship web app using **Flask**, **MySQL**, and **JavaScript**, contributing **2,821 lines of code** and reducing login errors by **40%** through secure session handling.
- Optimized mentor-mentee matching with the Gale-Shapely algorithm, achieving **100% stable matches** and supporting over **150 user profiles** during testing.

Experience

Database Developer Intern | Southwire Company | Atlanta, GA May - August 2024

- Developed and maintained **Oracle** databases, ensuring data integrity and optimal performance.
- Created and optimized **SQL/PLSQL** procedures, improving visibility and functionality for **500,000+ customers**.
- Designed and implemented data integration solutions using **SSIS**.
- Processed and analyzed data from over 175,000 customers, generating detailed reports and visualizations using **Power BI** and **Microsoft Fabric**.

IT Technician / Web Developer | NailedItStudio | Denville, NJ March 2021 - Current

- Developed a high-traffic website using **HTML**, **CSS**, and **JavaScript**, attracting **50+ daily visitors** through agile iterations.
- Provided business analytics to enhance operations and customer engagement.
- Set up and managed POS systems for seamless transactions and efficiency.

Leadership, Awards, Achievements, Hobbies & Interests

Artificial Intelligence Club Treasurer

Kennesaw State University | Kennesaw, GA | 2023-2024

- Managed budgeting, ensuring adherence to transaction regulations.
- Orchestrated collaborative efforts, organized events, and promoted the AI club at KSU

Kennesaw State University Hackathon

Kennesaw State University | Kennesaw, GA | 2023-2024

- Led development efforts and served as the Front-End Developer for the 1st place solution at the 2023 Kennesaw Hackathon, utilizing **JavaScript**, **CSS**, **HTML**, and **Java**.
- Placed 3rd in Kennesaw State's 2024 Spring Hackathon, researching datasets to aid HPCC in locating missing children.