

EDUCATION

Bachelor in Computer Science, Minor in Data Science: Fisk University, GPA: 3.824/4.00 May 2026
Relevant Courses: Machine Learning Specialization, Data Structures and Algorithms, Object Oriented Programming I and II, Introduction to Linux, Introduction to Web Development, Introduction to Data Science, Introduction to Database, Data Wrangling, Introduction to Computer Networks, Computer System, Calculus, Discrete Mathematics, Statistics

EXPERIENCE

Full Stack Developer Intern, Narratize AI May 2024 — August 2024
• Collaborated in an agile team to redevelop the company website using **NextJS, MongoDB, and NodeJS (Javascript)**
• Implemented efficient data models, APIs, and database management, demonstrating full-stack development skills
• Managed CI/CD processes like overseeing branching strategies, pull request handling, issue triage, and release documentation.

PLUS Tutor for Data Structures and Algorithms, Fisk University Dec 2023 — Apr 2024
• Tutored over 30 individuals for Data Structures and Algorithms using **Python** and **Java** programming, providing personalized guidance and support to enhance their understanding of fundamental concepts and problem-solving skills
• Achieved a 20% average improvement in students' performance metrics, as evidenced by enhanced coding proficiency, project completion rates, and overall comprehension of Python programming under my tutelage.

Software Engineering Intern, Info Developers Dec 2021 — Aug 2022
• Collaborated on agile teams to develop and deploy cloud-based software solutions, gaining hands-on experience with the full Software Development Life Cycle (SDLC)
• Utilized AWS Cloud Platform to build scalable and resilient applications, implementing best practices for cloud architecture and security

PROJECTS

ResearchMate, a research tool backed by BackDrop Build v5 (Python, Langchain, .NET, LLMs)
• Developed ResearchMate, a user-friendly research tool for effortless information retrieval in the any domain, integrating features such as loading URLs or uploading text files, processing content with **LangChain's UnstructuredURL Loader**, and using **OpenAI's embeddings with FAISS** for swift information retrieval. Enabled user interaction with LLMs for querying and receiving detailed answers along with source URLs.
• Utilized by research assistants at Fisk University for the student research program, earning positive feedback for its effectiveness as a research tool and its ability to enhance the quality and efficiency of research efforts.

Kissan - HackPrinceton 2022 Winner (JavaScript, C++, PostgreSQL, HTML/CSS, DotNet)
• Developed a full-stack application, Kissan, that focuses on revolutionizing smart farming practices by seamlessly integrating hardware, software, and machine learning technologies to recommend crops to the soil
• Designed and implemented an **IoT-based system with EdgeX Foundry**, using **Angular** for frontend, **Python** for a custom machine-learning model, and **Oracle** for database management.
• Presented the project at **HackPrinceton 2022**, where it won a category award, receiving positive feedback for its potential impact on sustainable agriculture.

FitVibes - HackHarvard 2023 Health and Sustainability Category Winner (React, Terra API, NodeJS, t5 LLM Architecture)
• Developed a Smart Health-focused system for notifying users with regular updates about their health by taking health data from wearables using Terra API.
• Integrated the system using React for the front-end, NodeJS and C# for the backend logic, and operated in a Linux/Unix environment
• Presented in **HackHarvard 2023** under health and sustainability category in the hackathon

SKILLS

Languages	Python, Java, C++, C#, JavaScript, SQL, .NET, HTML
Frameworks	Angular, React, Oracle, Node.js, SQL, Django, bootstrap, FastAPI
Libraries	Tensorflow, OpenCV, scikit-learn, Pandas, Numpy, Matplotlib, Seaborn, Web3Js, EtherJS

AWARDS & HONORS

2022	HackPrinceton 2022 Category Winner, President Honor's List, International Merit Scholarship; Edge PLUS Award
2023	HackHarvard 2023, 2nd Ranked on ICPC Northern Kentucky Region, Certification of Machine Learning Specialization