Yaw Boateng

Dallas, TX | 832-539-9260 | yboateng@smu.edu | www.linkedin.com/in/yaw-osei-boateng/GitHub Portfolio

EDUCATION

Southern Methodist University, Dallas, TX   August 2023 - Present
Bachelor of Sciences, Electrical and Computer Engineering with Specialization in Computer Engineering   GPA: 4.0
Bachelor of Sciences, Data Science

SKILLS

Programming Languages: Java, Python, R
Technical Skills/Software: Java Eclipse IDE, Visual Studio, R Studio, Microsoft (Word, Ppt, Excel), Photography, Videography, CapCut

PROJECTS

Campus Chatbot Project   Dec 2023 - Present
- Coded a Generative AI Chatbot for SMU in Python with a specific knowledge base such as the degree/course catalog, university calendar, financial information and list of student organizations
- Utilized frameworks and resources such as Langchain, Qdrant vector database, OpenAI API, web scraping, and prompt engineering to optimize the chatbot for better responses; currently in the process of creating a feedback mechanism for student testing

Customer Bill Calculator   Fall 2023
- Crafted a Java program in Eclipse IDE implementing object-oriented programming concepts, with multiple classes and objects, to simulate a store's inventory management and customer billing system
- Programmed code to handle and validate user input for customer items, maintaining accurate stock levels, and generating detailed bills for customers, including subtotals, taxes, and change calculations

PROFESSIONAL DEVELOPMENT & COMMUNITY INVOLVEMENT

Consult Your Community, Dallas, TX   August 2023 - Present
Senior Business Analyst
- Collaborate with other analysts to conduct business consulting and market research for small businesses in the Dallas-Fort Worth area
- Developed a comprehensive digital marketing strategy for a tea company to enhance brand awareness and grow social media presence

National Society of Black Engineers, Dallas, TX   August 2023 - Present
Member
- Actively participate in bi-weekly meetings, networking and learning from industry professionals and guest speakers
- Attended the Region V Conference and engaged in the Hack-A-Thon and the Elevator Pitch Competition, demonstrating technical and communication skills

Association of Black Students, Dallas, TX   August 2023 - Present
Public Relations Chair
- Utilize photography and videographyskills to curate engaging social media content that fosters a strong sense of community
- Collaborate in the planning and marketing of bi-weekly meetings and monthly events, improving member engagement and participation

Data Scientist in Training Program at Rice University, Houston, TX   June 2022
Selected as 1 of 14 Student Programmers out of applicant pool of 100
- Analyzed large, structured and unstructured data through visualization techniques to find causality and form practical conclusions
- Networked with experts from Fortune 500 companies and credible National Science Foundation funded university professors

WORK EXPERIENCE

Nurovant AI, Dallas, TX   September 2023 - Present
Software Engineering Intern/Vice President of Business Development
- Facilitate app testing, debugging, and executed targeting marketing campaigns through LinkedIn and Instagram for the launch of Nurovant which contributed to growth of over 500+ users within the first month

SMU Resident Life and Student Housing Street Team, Dallas, TX   September 2023 - Present
Marketing Student Coordinator
- Curate engaging social media content, promoting on campus residential events, through photography and videography services

PhillWell Telehealth Services, Sugarland, TX   March 2023 - May 2023
Administrative Assistant
- Managed and optimized workflow processes, including data filtering, calendar and email organization, and updating the company website, leading to an acquisition of 3 to 5 new potential patients weekly and a 6% revenue increase

HONORS, AWARDS & CERTIFICATIONS

SMU Presidential Scholarship
SMU Big iDeas Business Pitch Competition Award ($1,000)