

SARAH O. ODIGIE

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TECHNICAL SKILLS

C++, Python, HTML 5, CSS 3, Javascript, Typescript, React.js, Next.js, Visual Studio, R Studio, Git, Github, AutoCAD, Bluebeam, Postman.

TECHNICAL PROJECTS

Personal Portfolio

- Designed and developed a personal website from scratch utilizing HTML, CSS, and JavaScript to showcase an array of personal projects, professional experiences, and acquired technical and interpersonal skills.

Simple Chat Bot

- Momo is a Python-based chatbot project that I developed to engage with users and provide responses to their inquiries about chatbots. Leveraging a combination of a basic keyword matching approach and cosine similarity, Momo effectively generates relevant and informative responses

CodeRED Hackathon Project: STYLE-EYEZ

- As part of a team of four, developed an innovative e-commerce application using HTML and CSS that personalized and optimized the shopping experience for customers. Our solution resulted in a 10% increase in sales revenue, and was recognized for its exceptional design and functionality by both customers and industry experts.

Study Pal Application

- Developed a user-friendly mobile application using HTML and CSS that connects students studying the same subject on a common forum, which enables students to prepare for exams collaboratively, resulting in improved academic performance and higher grades.

PROFESSIONAL EXPERIENCE

Walmart Global Tech

Bentonville, AR

Full Stack Software Engineer Intern (Leverage AI: ML/AI & Data Science)

May 2023 - August 2023

- Designed and developed UI upload and dialog components inspired by the Walmart design using JavaScript, Typescript, and React.js, resulting in a 2% increase in user engagement.
- Created API services endpoints for uploading, deleting, and management of documents using Next.js, which allowed seamless back-end component method calls through the service-codex.

Walbridge

Bloomington, IL

Operations/PM Intern

May 2022 - August 2022

- Collaborated with project team members to identify and implement process improvements, resulting in a 10% reduction in project delivery time.
- Monitored project budget and expenses, helping to keep costs within 5% of the planned budget throughout the project duration.

LEADERSHIP EXPERIENCE

National Society of Black Engineers

Houston, TX

Finance Chair

May 2023 - Current

- Collaborated with university stakeholders to identify and engage 10 diverse funding sources, utilizing effective communication and negotiation skills to secure a 15% increase in funds for the University of Houston NSBE chapter.
- Led a dedicated team of 15 UH NSBE committee members to execute impactful fundraising events, surpassing the set target by 5% and successfully raising \$5,000 to support the chapter's initiatives.

Cougar CS: CodeRed Hackathon

Houston, TX

Logistics Officer

May 2023 - Current

- Effectively managing event finances within a designated budget and tracking expenses for venue booking, equipment rentals, food, and other logistical costs resulted in a 5% raise in cost savings compared to the previous year.
- Collaborated with companies to organize and facilitate workshops for hackathon participants, which provided participants with hands-on learning opportunities, mentorship, and exposure to real-world technologies and practices.

EDUCATION

University of Houston | Houston, TX

May 2024

B.S Computer Science, Minor in Mathematics

AFFILIATIONS

National Society of Black Engineers, Society of Women Engineers, Rewriting the Code, Color Stack, Cougar CS, CS Girls.