

Hanat Sharif

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EDUCATION

The Ohio State University

Bachelor of Science in Computer Science, GPA: 3.60

Columbus, OH

Expected May 2027

Honors: Buckeye's First Scholars

Relevant Coursework: Software Components, Software Development and Design, Discrete Structures and Algorithms, Fundamentals of Engineering I & II, Ethics for Engineering, Low-Level Programming and Computer Organization

TECHNICAL SKILLS

Programming Languages: Java, Python, HTML, JavaScript, C

Web Technologies: React, CSS, Next.js

Platforms and Frameworks: Next.js, Visual Studio Code, Eclipse, GitHub, Replit, Linux, MVC, MatLab, Microsoft Office, PowerPoint, Excel, Plaid

WORK EXPERIENCE

The Ohio State University Engineering Research Department

Undergraduate Engineering Research Assistant

Columbus, OH

May 2024 - August 2024

- Performed comprehensive data cleaning on research data to ensure accuracy and clarity in studies involving 23 participants, supporting the Engineering Research Department's initiatives
- Executed ongoing qualitative research through systematic evaluation using a predefined rubric, ensuring data integrity and adherence to industry standards for methodical research practices

TECHNICAL PROJECTS

Expense Tracker | React, Next.js, TypeScript, Tailwind, CSS

- Developed a full-stack online expense tracker platform using Next.js, enabling transaction updates, and managing personal finances effectively
- Implemented user authentication and authorization for secure access control ensured high-level security for user
- Designed a homepage showcasing balance, transaction lists, and spending categories

RSS News Aggregator | Java, HTML

- Developed a streamlined new aggregation platform, handling 500+ XML RSS feeds and effectively filtering out ad links
- Enhanced user navigation by generating concise HTML index pages with links to thousands of new items
- Utilized OSU's CSE component library for data fidelity, continuously defined the aggregator by proactively analyzing user feedback, ensuring the platform's alignment with evolving user needs

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

ColorStack

Programming Participant

Columbus, OH

August 2023 - Current

- Selected to participate in a diverse community of 70+ Black and Latinx Computer Science students
- Attend workshops and webinars led by industry experts and technology leaders to gain insight

National Society of Black Engineers (NSBE)

Member

Columbus, OH

August 2023 - Current

- Engaged participants in NSBE, a leading organization that fosters diversity in engineering and STEM fields, and collaborated with fellow members to promote inclusivity, professional development, and academic excellence among underrepresented minorities in engineering