

Farouk Oluwaferanmi Haroun

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EDUCATION

Vanderbilt University Nashville, TN Aug 2019 - Dec 2024

Bachelor of Science: Computer Science, Mathematics

Relevant Coursework: Operating Systems, Algorithms, Program Design and Data Structures, Cryptography

SKILLS

Languages: Fluent in English and Yoruba, Conversational level French and Arabic

Technical Skills: Python, C++, Linux, Git, JavaScript, React, Networking, Agile Scrum

Certificates: ISC2 CC, Google Cybersecurity Certificate

PROJECTS AND PROFESSIONAL EXPERIENCE

Vanderbilt University IT, Web Dev Intern Nashville, TN May 2024 - Present

- Optimized websites for 12,000+ users, enhancing speed, performance, and cross-browser compatibility.
- Assist in coding, testing, and debugging web apps using JavaScript, HTML, and other scripting languages.

Vanderbilt Quantum Initiative, Researcher Nashville, TN Jan 2024 - Present

- Co-founder of Vanderbilt Quantum Club, establishing its foundation and driving growth.
- Conducted research on quantum annealing for optimization problems using D-Wave Systems.
- Co-built a website for the organization using React and leveraged Git for version control.

Haut Institute, IT Intern Remote October 2023 - Present

- Developed a network infrastructure ensuring the confidentiality, integrity, and availability of critical resources.
- Employed network segmentation techniques and established data backup policies.
- Authored and enforced security policies covering general use and ownership, security awareness training, remote access, data retention, and incident response

Intuit Inc, SWE Intern San Diego, CA May 2021 - Aug 2021

- Developed a web application plugin using JavaScript, HTML, CSS, and React.js that renders relevant customer data to be used by the financial and legal team.
- Developed an AWS lambda function in python that connects to Oracle database externally and notifies team members including 15+ engineers periodically whenever the tables in the database go out of sync.

IBM, Student Ambassador Nashville, TN Jan 2021 - Aug 2022

- Lead weekly robotic workshops of 10+ participants in which they learn how to build robots and use raspberry pi to give the robots instructions on what they want it to do.
- Organize, along with IBM, events centered around futuristic technologies such as blockchain, quantum computing and artificial intelligence.
- Collaborate with members of the Vanderbilt community to transform their ideas into real life prototypes.

Vanderbilt Libraries, Data Analyst Nashville, TN Dec 2020 - May 2021

- Selected among 100+ applicants to receive a buchanan fellowship worth \$1000 to work on data mining projects
- Extracted information from large datasets in social science fields using Apache Spark and used it to organize the information present in a detailed manner.

LEADERSHIP AND CAMPUS ENGAGEMENT

Vanderbilt Club Table Tennis, Treasurer Nashville, TN Jan 2020 - Present

- Keep the financial record of the club which has 100+ members and makes crucial decision for the club
- Designed a website for the team which made it easier to communicate with our members on training plans

VOLUNTEER EXPERIENCE

Vanderbilt Humanitarian Fund, Award Recipient Abuja, Nigeria June 2020 - August 2020

- Organized a quality summer education for the young kids in the Internally Displaced Persons camp in Abuja
- Developed a system whereby every summer, college-bound students engage in a tutoring program with the kids