SAKSH MENON

Cincinnati, OH 45219

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SKILLS

Computer: Java, Python, C++, C, MATLAB, MySQL, Linux, LabVIEW, R, Git, GitHub, VBA, Microsoft suite
Languages: English, Hindi, Arabic (Basic)

EDUCATION

Bachelor of Science, Computer Science   Expected Graduation: May 2026
University of Cincinnati, Cincinnati, OH – 3.7 GPA, Dean's list

- Relevant Coursework: Applied AI & Machine Learning Tools, Deep Learning, Data Structures, Linear Algebra, Six Sigma
- National Society of Leadership and Success Honor Society, CEAS International Outreach Scholarship, and UC Global Scholarship

EXPERIENCE

Team Lead – Digital Philanthropy Center   August 2022 – Present
The University of Cincinnati Foundation, Cincinnati, OH

- Appointed as a dedicated ambassador, played a pivotal role in promoting and highlighting the university's achievements, fostering positive relationships with stakeholders and external partners by demonstrating exceptional communication and interpersonal skills.
- Exhibited a high level of professionalism and diplomacy while addressing questions, concerns, and inquiries from donors and other colleagues, ensuring a positive and rewarding engagement experience.
- Contributed significantly to the university's financial growth by assisting in securing a remarkable sum of over half a million dollars in funds.

Student Co-op – Software Development   January 2023 – April 2023
Cincinnati Children's Hospital, Cincinnati, OH

- Developed custom data analysis pipelines that extracted meaningful insights from eye tracking data on distributed systems, contributing to the success of multiple research projects for a billion dollar firm.
- Spearheaded a significant enhancement in team productivity by implementing structured, low overhead, documented, and reusable parallel computing techniques in python, MATLAB, and REDCap resulting in reductions of more than 50% in major computation times.
- Applied insights from unfamiliar programming languages to optimize efficiency, performance, and functionality in software developed.
- Engaged in open and constructive discussions with cross functional team members, actively participating in brainstorming sessions to collectively arrive at well-informed decisions.

Intern – Relational Database Management   May 2022 – June 2022
GNI General Trading, Dubai, UAE

- Developed a comprehensive inventory-based database management system using Python and MySQL, proving proficiency in both programming languages and database design.
- Took a proactive approach to software improvement by identifying areas for enhancement and implementing strategic changes, resulting in a streamlined and highly functional system.
- Showcased exceptional teamwork skills by collaborating effectively with colleagues from different departments, leveraging their insights to enhance the functionality and usability of the system.

CLASS PROJECTS

Autonomous Rovers – Engineering Design   September 2021 – April 2022
University of Cincinnati, Cincinnati, OH

- Programmed rovers in Python and LabVIEW to navigate autonomously and showcased integration between hardware and software.
- Led by example, demonstrated a strong work ethic, and showed collaborative attitude, setting high performance standards.

Shipment Tracking – Computer Science   January 2021 – March 2021
Delhi Private School, Dubai, UAE

- Designed a GPS UI integrated with a relational database management system for a cargo shipping firm overseeing five major ports.
- Utilized Python, MySQL connectivity and APIs to construct and manipulate a database of vessels with a GPS route on google maps.

EXTRACURRICULAR ACTIVITIES

Leader – WACE Global Challenge   July 2022 – August 2022
Faversham & Villages Refugee and Solidarity Group, England

- Formulated CRM solutions for a refugee based organization to improve on youth outreach, allocation of funds, and website development.
- Exhibited a leadership approach that encouraged participation, involvement, and mutual respect among team members.

Speaker – Toastmasters International   September 2018 – March 2021
Elite Gavel Club, Dubai, UAE

- Presented speeches and managed club events proving excellent organization and effective leadership.
- Achieved notable recognition by receiving multiple awards, attesting to exceptional communication abilities and impactful delivery.

Available For Coop: Spring 2024