GEORGE SACKIE

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EDUCATION

Indiana University, Kelley School of Business – Bloomington, IN   May 2026
Master of Science in Information Systems

Indiana University, Luddy School of Computing – Bloomington, IN   May 2025
Bachelor of Science in Computer Science   GPA: 3.31/4.00
- *Honors:* Hudson and Holland Scholar; Deans Scholarship Recipient

EXPERIENCE

General Electric Appliances – Louisville, KY   May 2025 – Present
Software Engineering Intern
- Driving design and development of embedded features for next-gen LCD ovens and ranges, leveraging C, Lua, and JavaScript to enhance performance, system architecture, and overall user experience
- Refactor legacy code and implement test driven development workflows, improving data accuracy and ensuring consistent parametric data flow across evolving product platforms

Engineering Technician   June 2024 – August 2024
- Diagnosed and mitigated electromagnetic interference (EMI) in prototype cooking appliances through root cause analysis, enabling compliance with regulatory and security standards
- Collaborated with engineers to test and validate embedded control boards, strengthening systems design and integration consistency

Engineering Technician   May 2023 – August 2023
- Improved refrigeration performance by calibrating temperature controllers to correct regulation drift
- Leveraged XMPro and data analysis to identify recurring faults, recommending design improvements that improved long term system architecture decisions

PwC – Remote   June 2023– August 2023
Strategy Consulting Extern
- Conducted client needs assessments and developed process improvements for the Colorado I Have a Dream Foundation, applying consulting frameworks, design thinking, and business requirements analysis
- Delivered data driven strategies that boosted donor engagement and streamlined operations to drive long-term impact and sustainability

LEADERSHIP

Indiana University Residential Programs and Services   March 2023 – May 2025
Resident Assistant
- Mentored 73 residents, offering individualized support and building a positive academic and social community
- Led inclusive programs that fostered wellness, diversity, and professional development opportunities for students

National Society of Black Engineers (NSBE)   April 2022 – May 2025
Executive Board Member/Web Manager
- Led the design and launch of the chapter's website by coordinating a cross-functional team, enhancing access to events, resources, and membership tools
- Spearheaded campus-wide initiatives, including a student hackathon, by partnering with university sponsors to increase engagement and visibility among underrepresented students in tech

ACADEMIC PROJECTS

Integrated Vehicle Booking and User Management System   January 2024 – May 2024
- Developed a full stack web application for vehicle reservations using ReactJS, Django, Python and PostgreSQL, designing UI mockups and implementing real time browsing, booking, and profile management
- Collaborated with an agile development team to manage sprint planning, and deliver iterative enhancements and scalable system architecture

TECHNICAL

- *Programming and Web:* Python, SQL, Java, C, C++, React, Node.js, Git, HTML/CSS, Django, Android, Bootstrap
- *Frameworks & Tools:* PostgreSQL, Render, Agile Workflows, APIs, AWS, MongoDB, jQuery, Google Cloud

ADDITIONAL

Piano and Carillon Player | Amateur DJ | Born in Liberia|