

Shivani Nanda

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EDUCATION

Indiana University, Kelley School of Business | Bloomington, IN

August 2023 – May 2027

Bachelor of Science in Business

Majors: Information Systems, Economic Consulting, and Business Analytics

EXPERIENCE

Data Science and Artificial Intelligence Lab | Bloomington, IN

May 2024 – Present

Undergraduate Student Researcher

- Execute 40,000+ comprehensive vulnerability assessments of open-source software code, leveraging artificial intelligence to identify and analyze security risks from repositories such as GitHub and Hugging Face, enhancing security practices
- Program 5 dynamic, interactive data visualizations using Python libraries such as Dash, Streamlit, & Gradio to analyze and present critical cybersecurity threats, emerging trends, and patterns, enabling actionable insights and proactive risk mitigation strategies

Strategic Results | Rockville, MD

May 2024 – Present

Data Analyst and Consulting Intern

- Optimized decision-making for clients by applying big data analytics and advanced statistical techniques, presenting actionable insights that enhance strategic planning, drive operational efficiency, and improve organizational outcomes across 10+ projects
- Collaborated with senior consultants to deliver tailored acquisition solutions and innovative strategies for business-to-government contracts by analyzing 10,000+ contract opportunities, improving client engagement and streamlining project execution

Robotics Algorithms & Autonomous Systems Lab | University of Maryland

May 2021 – December 2022

Research Intern

- Engineered cost-effective medical assistance robot utilizing AI-driven semantic mapping, speech recognition, & SLAM algorithms to autonomously navigate hospital environments and execute voice-command tasks, completing 50+ successful task simulations
- Improved object detection accuracy by 40% through training optimization, and integration of Google Cloud Vision API

LEADERSHIP & INVOLVEMENT

Kappa Omega Alpha – Business Fraternity | Bloomington, IN

September 2024 – Present

Director of Pledge Education

December 2024 – Present

- Lead the creation and execution of the pledgeship program, planning and hosting 30+ events focused on professional development, community engagement, and brotherhood while designing innovative recruitment themes, workshops, and mentorship initiatives
- Manage semester-long pledgeship and recruitment process, overseeing event logistics, hosting activities, and implementing systems to foster accountability, growth, and participation among pledges while engaging active members in mentorship and leadership roles

Data Visualization (DV) at IU | Bloomington, IN

September 2023 – Present

President

November 2024 – Present

- Direct the organization's strategy and operations, setting long-term goals, mentoring the executive board, and fostering a high-performance culture that drove significant growth in member engagement, retention, and professional development
- Champion the planning and execution of high-impact events, workshops, and partnerships, strengthening the organization's brand, expanding external influence, and providing members with exclusive opportunities for skill development and networking

Vice President of Technology

December 2023 – November 2024

- Taught and developed comprehensive data visualization curricula in R, Tableau, and other tools, equipping 100+ students with advanced technical skills through dynamic, hands-on workshops and organizing a case competition on mental health resource optimization, engaging participants with real-world datasets and advanced visualization and predictive analytics techniques
- Developed and maintained the organization's website (hosted on GitHub) using HTML, CSS, and JavaScript, implementing responsive design principles to ensure cross-device compatibility, enhance user experience, and boost member engagement by 20%

Business Analytics Club at Kelley (BACK) | Bloomington, IN

June 2024 – Present

President

- Revitalize BACK from inactivity into a thriving hub for analytics enthusiasts by driving strategic initiatives, organizing workshops, speaker events, and networking opportunities to foster community engagement and professional growth
- Design a robust curriculum, providing training in advanced analytics tools (Python, R, SQL, Tableau) and machine learning

The Women's Network | Bloomington, IN

January 2024 – Present

Vice President of Diversity, Equity, and Inclusion

- Drive professional development and inclusion by organizing workshops, interactive DEI discussions, and hosting guest speakers, fostering a supportive community for women while collaborating with peers and alumni to provide inspiration and mentorship
- Implement innovative DEI initiatives, including Instagram campaigns and skill-building sessions, to promote inclusive practices

Nitara | Bloomington, IN

September 2023 – Present

Consulting Associate

- Advance financial, marketing, and technology consulting services, including rebranding strategies, social media revamp, and website design, projected to drive 20–40% revenue growth and enhance operational efficiency for Asian startups and NGOs
- Establish and optimize corporate strategies and risk mitigation plans by integrating secure e-commerce solutions and advanced analytics tools, driving scalability, enhancing customer engagement, and achieving a projected break-even within 6–12 months

SKILLS & INTERESTS

Indian Classical Dance | FIRST Robotics | *How I Met Your Mother* | Taylor Swift | Photography | Board Games | Cooking