

# 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

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## 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

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## 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

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## SKILLS & INTERESTS

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