JERRY TANG

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EDUCATION

Indiana University, Kelley School of Business, Bloomington, IN — December 2025
Master of Science in Information Systems; Concentration: Cybersecurity and Risk Analytics — *GPA: 3.69/4.00*

- *Coursework:* Information Security, Cybersecurity Law & Policy, Business Analytics, IT Governance, Risk & Controls, IT Management, Organizational Dynamics in IS Implementation, Strategic Management
- *EY Case Competition Finalist:* Partnered with 3 teammates to design a solution process, presenting ER diagrams and leveraging Agile sprints to refine recommendations, demonstrating a practical roadmap for digital transformation

Indiana University, Kelley School of Business, Bloomington, IN — May 2024
Bachelor of Science in Business, Major: Finance — *GPA: 3.36/4.00*

- *Dean's List:* Spring 2021, Fall 2021, Spring 2024

EXPERIENCE

Kelley Hope Digital Project, Bloomington, IN — May 2025 – August 2025
GRC Consultant Intern

- Collaborated on an 8-member consulting team to strengthen an EdTech company's governance, risk, and compliance (GRC) framework, improving strategic planning, security documentation, and regulatory alignment
- Designed and implemented a Vendor Risk Management framework including a vendor criticality matrix and lifecycle processes to evaluate third-party providers against security, compliance, and operational risk criteria
- Developed and expanded security runbooks and policies for vendor management, vulnerability management, and disaster recovery, ensuring compliance with NIST CSF 2.0, FERPA, and GDPR

ACADEMIC PROJECTS

MSIS AI Team Recommendation App Capstone Project, *sponsored by Grainger* — August 2025 – December 2025

- Developed a Flask web application that recommends project teams by matching required skills with employee profiles using a structured SQLite database and a custom scoring algorithm that accounts for proficiency, workload, and project priority
- Integrated LLM-based skill extraction to analyze uploaded project PDFs and generate standardized skill taxonomies off machine learning concepts for more accurate team matching
- Built an interactive manager interface with CRUD functions, login sessiUons, and real-time employee filtering to support project creation, assignment updates, and skill visibility while improving data visualization

Freemium Adoption Prediction Using Statistical and Machine Learning Methods — March 2025 – May 2025

- Applied statistical modeling and data science techniques, including regression analysis, ensemble learning (GBM with AdaBoost), and feature selection, to predict early adopter behavior using real-world data
- Performed model evaluation and optimization through cross-validation, threshold tuning, and F1 score analysis on out-of-sample data to support data-driven decision-making

Enterprise Digital Transformation Strategy, *sponsored by Toyota Material Handling N.A.* — December 2024

- Collaborated with a team of four to analyze the digital ecosystem and recommend an enterprise-wide business strategy integrating ERP software (SAP S/4HANA), AI, RPA, and IoT; focused on improving overall statistics, enhancing supply chain visibility, and streamlining operations
- Created a project prioritization framework based on COBIT and "Evaluate, Prioritize, Implement" methodology to align IT initiatives with business goals and improve KPIs
- Co-developed a future-state operating model with a focus on data governance and security; recommended Microsoft Purview and SAP Data Custodian to support scalable analytics and compliance

TECHNICAL

- *Programming Languages:* Python (Flask), SQL, HTML/CSS, R
- *Methodologies/Frameworks/Concepts:* COBIT, Agile, OOP, NIST, Product Lifecycle, IAM, SoD, RBAC
- *Tools/Environments:* VS Code, Visio, Excel, Tableau, Power BI, Jupyter Notebook, Oracle MySQL, Canva, Azure, Docker

ADDITIONAL

Indiana Pacers Supporter | Scouts BSA Eagle Scout | Leadership | Teamwork | Problem-Solving