ISAAC MCSORLEY

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EDUCATION

THE UNIVERSITY OF IOWA TIPPIE COLLEGE OF BUSINESS
Master of Science, Business Analytics   December 2023
B.B.A., Business Analytics & Information Systems   December 2022
- **GPA**: 3.7 | **Awards:** University Dean's List | 1st Place - USITCC National Case Competition

TECHNICAL SKILLS

Skills: Data analysis, visualization, SQL, statistical modeling, problem-solving, project management, automation
Tools: Power BI, Tableau, ETL tools (python, alteryx), data warehouses (Snowflake), cloud platforms (AWS)
Certifications: Microsoft Azure Fundamentals, Alteryx Designer Core, Snowflake SnowPro Core

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EXPERIENCE

JP MORGAN CHASE & CO.   July 2024 - Present
Corporate Investment Bank Analyst - Tampa, FL
- Provide specialized ops and merchant services for backend integrations of investment bank clients
- Develop solutions to streamline complex datasets for efficient data management and reporting
- Build live KPI dashboards by connecting Snowflake to Tableau, enabling real-time insights and reporting

TIPPIE COLLEGE OF BUSINESS   January 2023 - December 2023
Graduate Teaching Assistant: Data Mining Class - Iowa City, IA
- Instructed over 200 students on core data mining and modeling skills in weekly lab sessions
- Focusing on supervised and unsupervised models; covered end-to-end data mining theory including data preprocessing, model training/validation, evaluation, and deployment
- Developed code to automate grading of end-of-year projects, reducing manual input errors by over 30%

JP MORGAN CHASE & CO.   June 2023 - August 2023
Corporate Summer Analyst - Chicago, IL
- Led an ETL project automating reporting for the pricing team, reducing manual work by 3-4 hours/month
- Integrated Alteryx workflows and Tableau dashboards to deliver actionable insights through multiple KPIs

SPARTAN FORGE - DEER PREDICTION APP STARTUP   October 2022 - May 2023
Machine Learning Research Intern - Remote
- Assisted with the R&D of innovative AI solutions for projects to advance the capabilities of the application for thousands of users
- Enhanced application capabilities by integrating new normalized mapping vector layers into the backend of the app using Python, allowing users to view higher-quality mapping layers improving user satisfaction

THE UNIVERSITY OF IOWA COLLEGE OF NURSING   February 2022 - May 2022
Database Developer - Remote
- Constructed a relational database enabling seamless tracking and insights of over 100 hospitals and thousands of residents that enroll in the College of Nursing residency program annually
- Automating data collection and reporting procedures including new KPIs resulting in significant reductions in invoicing and reporting times and increasing productivity by up to 50%
- Developed workflow automation, such as data entry, resulting in a time savings of over 4 hours per week

HNI CORPORATION   June 2021 - August 2021
Data Analyst Intern - Remote
- Formed a competitive analysis presentation targeting growth in sales by analyzing data from top competitors to build a pricing strategy better aligned with the rest of the market
- Utilized Salesforce to gather data, then transformed the data into visualizations using Power BI