

ISAAC MCSORLEY

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EDUCATION

THE UNIVERSITY OF IOWA

Master of Science, Business Analytics

December 2023

B.B.A., Business Analytics & Information Systems

December 2022

- **GPA:** 3.8/4.0 | University Dean's List

- **Activities:** Graduate Teaching Assistant, Tippie Technology Club, USITCC Case Competition Winner

TECHNICAL SKILLS

Tools - Python (pandas, scikit-learn, NumPy, etc.), R, SQL, Power BI, Tableau, Salesforce, Excel, Azure, Jira

Methodologies - Skilled in data engineering, data modeling, ETL process, database design, cloud computing

Certifications - Microsoft Azure Fundamentals

EXPERIENCE

JP MORGAN CHASE & CO.

Tampa, FL / Chicago, IL

Corporate Analyst Development Program Summer Analyst - Tampa, FL

June 2023 - Present

- Project management intern assisting the pricing/billing solutions team for the corporate investment bank
- Collaborated with multiple teams to facilitate the implementation of a new billing application that will enhance user experience for investment bank clients
- Utilized project management tools including Jira, Signavio, and other applications to coordinate and track project progress, ensuring effective communication and efficient workflow across teams

Global Finance Summer Analyst - Chicago, IL

June 2022 - August 2022

- Provided financial analysis support to teams across 5 product lines in the commercial bank
- Designed and implemented a forecasting model to project the impact of changes in the cost of funds due to Fed interest rate increases, successfully deploying the model to the investment bank commercial card team
- Evaluated budget model performance and recommended adjustments based on performance assessments

SPARTAN FORGE - DEER MOVEMENT PREDICTION APP (Startup)

Remote

Machine Learning Research Intern

October 2022 - May 2022

- Assisted with the R&D of innovative AI solutions for projects to advance the capabilities of the application and expand user outreach
- Collected public data for improved vector mapping layers for the app then utilized Python for data normalization and seamless integration into the backend of the app reducing operational expenditure

THE UNIVERSITY OF IOWA COLLEGE OF NURSING

Iowa City, IA

Database Developer

February 2022 - May 2022

- Constructed a relational database in Microsoft Access for the College of Nursing, enabling tracking of over 100 hospitals participating in their nursing residency program annually
- Optimized data collection and reporting procedures through queries and reports, resulting in significant reductions in invoicing and reporting times and increasing productivity by up to 50%
- Implemented workflow automation such as data entry resulting in a time savings of over 4 hours per week

HNI CORPORATION

Muscattine, IA

Data Analyst Intern

June 2021 - August 2021

- Formed a competitive analysis targeting growth in sales by analyzing data from top competitors to build a pricing strategy better aligned with the rest of the market
 - Performed ad hoc reporting: Used Salesforce to gather data, then cleaned and transformed the data into reports and visualizations using Power BI/Excel
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PROJECTS ([View Portfolio](#))

- [Customer Churn Predictive Modeling](#) | [Database Development](#) | [Airport Best Flight Analysis](#)