

PROFESSIONAL SUMMARY

- Data science and analytics professional with strong experience in statistical analysis, research, and engineering-driven problem solving. Known for approaching complex analytical challenges with curiosity and innovation while building practical data-driven solutions. Continuously seeks new opportunities to apply analytics, technology, and creative thinking to improve processes and decision making.

EXPERIENCE

John Deere: Business Intelligence Analyst and Data Analytics Engineer **May 2022 – Present**

- Manages, updates, and creates reports for all regions within John Deere's Ag Engineering Division
- Develop, code, configure, test, and deploy solutions to support analytic users
- Locate, acquire, clean, and analyze data from existing data locations as needed for multiple departments and teams through various methods, including SAP, HANA, SQL, Databricks, Power Bi, VBA, Power Automate, Power Apps, and Python
- Maintain a strong and collaborative working relationship with front-end applications users and other relevant stakeholders
- Design and develop internal data and workflow applications, including Power Apps solutions that streamline processes and improve operational efficiency across international engineering teams.

Parkhurst Riverview Estates LLC: Founder/Owner **November 2024 – Present**

- Founded and manage a real estate investment and development company focused on residential development.
- Perform financial modeling, cash flow analysis, and market evaluation to guide long-term growth.
- Oversee property operations, tenant management, and redevelopment planning to maximize value and future potential.

FRC Robotics #648: Robotics STEM Instructor **September 2024 – Present**

- Inspired student innovation through robotics mentorship, driving creative problem-solving
- Led innovative robotics initiatives, driving student innovation and competition success.
- Utilized programming skills to optimize robot performance and team strategy.

Le Claire Lions Club: Board Member - Marketing Director **February 2025 – Present**

- Lead marketing and outreach initiatives to promote events, fundraisers, and community service programs across Le Claire.
- Manage digital presence including social media and community engagement to increase visibility and participation.
- Leading the development of the Le Claire Lions Club website to improve community communication and event promotion.

Riverside Family Eye Care: Business Partner IT and Innovation **August 2018 – September 2022**

- Manages and leads all IT and data projects.
- Help the doctors and owners on making the correct business decisions based on data-driven findings and solutions.
- Implemented machine learning usage within reports to benefit business decisions by looking at historical insurance data.

SKILLS

Programming: Basics of Python, Power Apps, SQL, Power Automate, VBA, Azure DevOps, Java Vibe Code

Visualization/Statistical: Data Cleaning, Data Manipulation, Power BI, Tableau, JMP, Excel, SAP, SharePoint, Databricks

Machine Learning: Predictive Modeling, Data Robot, JMP, Basics of KNIME, and Basics of Alteryx

Soft Skills: Curiosity, Imagination, Management, Communication, Leadership, Innovative, Active Listener, Adaptability, and Teamwork Skills.

RELEVANT PROJECTS

Nonstop Motivation (IOS Mobile App) **On-going 2026**

Built an AI-assisted iOS app using TypeScript, React Native, and Expo; delivered releases through EAS/TestFlight. Implemented Supabase PostgreSQL data collection/storage with user-level schemas, analytics tracking, and notification scheduling.

John Deere Local Request Tool (LRT) **On-going 2025**

Leading the development of a complex Power App that transforms 16 separate local request processes into one unified workflow across 18 John Deere units/factories, improving consistency, usability, and process efficiency for 3,000+ users.

John Deere Change Readiness Power Bi and Power Apps Report **On-going 2023**

Interactive report built to serve as a platform for over 150 users and 6 different functional groups. Developed a new process for

releasing an ECM to the factory floor, improving efficiency and collaboration. Ranked 91st out of 92,000+ Reports Enterprise Wide.

John Deere Harvester Historical and Future Parts Prediction Report

On-going 2022

Pulled all combine parts and information using HANA from SAP and SQL from the Data Lake, to answer questions asked by different departments. Cleaned data and tailored Power Bi report to fit all needs of different using teams and departments.

Dubuque County School District Capstone Machine Learning and Predictive Modeling Project

August 2022

Built predictive models using machine learning tools to identify key variables to seek out potential dropout rates and develop interventions. Compared all models using JMP, Alteryx, KNIME, and Data Robot. Presented finding back to the Dubuque County School District.

Education

Loras College

Dubuque, IA

Master of Science in Applied Analytics and Data Science

Relevant Course work: Data Vis, Data Science, Database Programing, Machine Intelligence, Programming for Analytic Methods

Loras College

Double Major in Business Administration (Concentration in Analytics) and Marketing

Relevant Course work: Applied Analytics, Essentials of Analytics, Principles of Computing & IT, and Business Statistics