

CALEB ROPER

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EDUCATION

Bachelor of Science in Data Analytics, Purdue University Global (GPA: 3.94)

June-2024

EXPERIENCE

Lead Data Analyst | Administer Justice (Non-Profit Legal Services) | Elgin, IL Sept.-2021- Nov.-2023

- Designed and implemented data pipeline architecture in team of 6 for a new reporting and visualization product that scaled from 0 to 72 operational instances, tangibly and rapidly streamlining processes for 52 partners and saved over 15 hours per week of recurring manual reporting work.
- Aggregated and transformed unstructured data from 12 disparate sources to build the foundation for new internal reports utilizing MS Fabric, Azure Data Factory, and PowerBI to deliver actionable insights. Also participated in data migration effort.
- Developed, maintained, and iterated PowerBI dashboards harnessing row-level security, empowering senior leadership and 52 nationwide partners to make critical, data-driven decisions daily; removed barriers between large, disorganized data sets to effectively serve clients.
- Proposed and implemented Customer Communication Strategy via automated conversational SMS using Twilio, resulting in increased customer engagement from 10% to 73% and a 64% increase in customer satisfaction survey responses.

Digital Transformation Internship | Administer Justice | Elgin, IL

June 2020 – Aug. 2020

- Applied skill set in database management, data ingestion, data transformation, relationship modeling, dashboard organization, data visualization, and team-based problem-solving to provide recommendations for rapidly evolving and undefined problems.
- Functioned as change agent by saving the organization over 20 hours per week through task automation and laying a foundation for scalability, moving from a laptop-scale to cluster scale.
- Harnessed Azure Synapse Analytics and Microsoft PowerBI to provide digital transformation recommendations to leadership which bridged the gap between data insights and client outcomes.
- Implemented a data dictionary, codified best practices, and created reusable procedures that brought cross-team clarity.

Stock Analyst | Knight Investment Management, Calvin University | Grand Rapids, MI

Sept. 2019 – Sept. 2021

- Directed portfolio management and asset allocation strategies for Calvin University's \$2.8M student endowment fund, achieving a notable 3.1% return on holdings during tenure.
- Mentored a team of 9 analysts as sector head, fostering their professional development and career growth opportunities.

SKILLS

- Jira and Confluence
- MS Fabric and Azure
- Data Integration
- Database Structures
- SQL, NoSQL
- Agile Methodologies

CERTIFICATIONS

- Build and Operate Machine Learning Solutions with Azure
- Create Machine Learning Models in Microsoft Azure
- Microsoft Azure Machine Learning for Data Scientists
- Google Foundations of Data Science