

MARK JOSLIN

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SUMMARY

Curious and results-driven with a passion for applying analytical insights to drive strategic decision-making. Proven success in data-driven solutions and KPI reporting, complemented by skills in Python, SQL, and PowerBI. Eager to leverage my data specialist background to innovate, learn, and make a meaningful impact in a dynamic and growth-oriented environment.

SKILLS

Tools	Python, R, SQL, DAX, Excel
Visualization	PowerBI, Matplotlib, ggplot2
Version control	GitHub, Azure DevOps

EXPERIENCE

4/2021 – 5/2024	Data Specialist (Remote)	GCAPS Alton, VA
<ul style="list-style-type: none">Performed literature reviews for NHTSA in areas such as AI in ADAS/ADS and traffic simulation tools.Maintained an internal website and SQL database to track driving simulation construction.Created digital reconstructions of crash and near crash scenarios using VTTI's database.		
5/2019 – 8/2019	Cataloging Intern	American Mathematical Society Ann Arbor, MI
<ul style="list-style-type: none">Queried a large database for institution codes for authors in submitted journals.Prepared journals for storage and access in a database.Assisted in author notifications regarding missing journal information.		
5/2016 – 9/2017	Durability Driver	Stellantis Chelsea, MI
<ul style="list-style-type: none">Conducted endurance tests identifying critical safety and performance issues.Ensured precise diagnostics and issue documentation.Maintained strict testing protocols to enhance vehicle reliability.		

PROJECTS

Python	Lane Change Exploratory Analysis	GCAPS
<ul style="list-style-type: none">Created a script that performs dimensionality reduction and clustering on highway cut-in and lane change maneuvers with VTTI's naturalistic driving database. Visualized and described each factor's central tendency across clusters.The analysis helped the Division of Data and Analytics at VTTI better understand factors that affect these maneuvers compared to domain knowledge.		
PowerBI	HR Analytics Dashboard	GitHub
<ul style="list-style-type: none">Developed a dashboard to analyze working preference of employees between work from home and work from office along with sick leave percentage on a daily and monthly basis.The report will help an employer when scheduling in-person meetings, product rollouts, and employee wellness.		

EDUCATION

12/2020	Bachelor of Science in Data Science	Western Michigan University Kalamazoo, MI
5/2016	Associate of Science in Engineering	Schoolcraft College Livonia, MI