






# MARK JOSLIN

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## PROFILE

Curious and results-driven with a passion for growing expertise in a [position] role. Proven success in data-driven solutions and KPI reporting, combined with skills in Python, SQL, and PowerBI. Eager to leverage my data specialist background to innovate and learn while making a positive impact at [company].

## SKILLS

**Tools:** Python, R, SQL, DAX, Excel

**Visualization:** PowerBI, Matplotlib, ggplot2

**Version control:** GitHub, Azure DevOps

## EXPERIENCE

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

## EDUCATION

- |                 |   |                                    |
|-----------------|---|------------------------------------|
| 9/2016– 12/2020 | <b>B.S. in Data Science</b>   | <b>Western Michigan University</b> |
|                 | <ul style="list-style-type: none"><li>• Coursework: Stat Design/Analysis Experiment, Big Data Analysis Using Python, Data Analysis Using R, Regression Analysis, Machine Learning, Survey Methods</li></ul> |                                    |
| 8/2012– 5/2016  | <b>A.S. in Engineering</b>  | <b>Schoolcraft College</b>         |

## PROJECTS

- |         |   |               |
|---------|---|---------------|
| Python  | <b>Lane Change Exploratory Analysis</b>   | <b>GCAPS</b>  |
|         | <ul style="list-style-type: none"><li>• 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.</li><li>• The analysis helped the Division of Data and Analytics at VTTI better understand factors that affect these maneuvers compared to domain knowledge.</li></ul> |               |
| PowerBI | <b>HR Analytics Dashboard</b>   | <b>GitHub</b> |
|         | <ul style="list-style-type: none"><li>• 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.</li><li>• The report will help an employer when scheduling in-person meetings, product rollouts, and employee wellness.</li></ul>   |               |