Brandon Bilinski

Data Engineer

Brandon Bilinski
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Seattle, WA 98112

248.633.5881
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Skills

Python, C++, HTML, SQL, VBA, Spark, Sci-kit learn, Pytorch, Postgres, Hive, Power BI

SAFe Certified

Experience

General Motors / Data Engineer
July 2021 - Present / Remote, Seattle, WA

Tripled data pipeline throughput including new testing protocols and enabling a more holistic view of vehicle performance eliminating overprocessing and saving the company on average $3,000 per test ran.

Architected warning alert system for testing state changes and test aborts shortening downtime on testing and reducing labor and saving $1,600 dollars each weekend as well as enabling more exposure of vehicles on test to reduce downstream warranty recalls.

Led team of engineers through multiple managerial changes and re-orgs while continuing personal education around NLP techniques as well as developing the skill sets within my team including proper version control in GIT and data pipelining best practices.

General Motors / Big Data Analysis Engineer
January 2021 - July 2021 / Warren, MI

Eliminated data analysis blockage for long term in-vehicle testing using tkinter and plotly to create an executable that produced a dynamic line chart, allowing the user to dive into high granularity data without any on-machine software downloads exposing a $300,000 12V battery issue in customer fleet.

Created functions within object-oriented library to aid in issue root causal due to software updates and eliminating ambiguity in data sets.

General Motors / Software Integration Engineer
September 2019 - July 2020 / Milford, MI

Designed and tested image processing script utilizing python tesseract to better associate visual indicators with software logs created during in-house automated testing.

Education

Michigan State University / Chemical Engineering - *GPA 3.53*
September 2014 - June 2019 / East Lansing, MI

Udemy / Algorithms, Data Structures, Object Oriented Programming, & ML
June 2022