TREY SEIBEL

I am Data Scientist at Valmont Industries, building end-to-end analytics solutions for business problems. My professional skills allow me to be a highly dynamic, jack of all trades who excels at overcoming diverse challenges while being equally comfortable on the road, at home, outdoors, and in front of a computer screen.

CONTACT

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- ☎ 402 405 5563
- ⚲ Omaha, NE
- in Trey Seibel

SKILLS

Languages
- **SQL** ●●●●●
- **Python** ●●●●●
- **Rust** ●●●○○
- **LaTeX** ●●●●○

Data Science
- **Databricks** ●●●●●
- **MLflow** ●●●●○
- **PySpark** ●●●●○
- **PyTorch** ●●●●○
- **TensorFlow / Keras** ●●●●○
- **Jupyter** ●●●●●
- **Visualisation** ●●●●●
(e.g. matplotlib, PIL, plotly, ...)
- **Data handling/analysis** ●●●●●
(e.g. numpy, scipy, pandas, scikit-learn, ...)

Operating Systems
- **Linux** ●●●●●
- **MacOS** ●●●●○
- **Windows** ●●●●●

Other Software & Tools
- **Microsoft Azure** ●●●●●
- **Microsoft Office** ●●●●●
- **Git** ●●●●●
- **Power BI** ●●●●●

CURRENTLY LEARNING

Machine Learning Engineering
Finetuning LLMs - QLoRA
Meteorology

INTERESTS / HOBBIES

artificial intelligence · outdoors · board games · competitive running · travel · theology · sustainability · computer hardware · rock climbing

⚙ WORK HISTORY

📅 Winter 2021 - Present
⚲ Valmont Industries, Inc.
Data Scientist
Working to provide data driven business solutions

📅 Spring 2021 - Winter 2021
⚲ Valmont Industries, Inc.
Data Science Intern
Developed time-series forecasting pipeline architecture

📅 Spring 2020 - Fall 2021
⚲ University of Nebraska - Omaha
Graduate Research Assistant
Developing a tool for the debugging of deep neural networks

📅 Fall 2019 - Spring 2021
⚲ Peak Performance Running Store
Sales Associate
Opening, closing, sales, and inventory

📅 Summer 2017 - Spring 2019
⚲ University of Nebraska - Lincoln
Undergraduate Research Assistant
Developed piezoelectric strain detecting device for use in structural health monitoring

🎓 EDUCATION

📅 Summer 2019 - Winter 2021
⚲ University of Nebraska Omaha
M.S. Computer Science

📅 Fall 2015 - Spring 2019
⚲ Nebraska Wesleyan University
B.S. Physics

PRESENTATIONS, HONOURS AND AWARDS

- 🏆 Co-Author, Presentation for Response Prediction in a Steel Beam Excited by a Series of Moving Masses (2018)
- 🏆 Undergraduate Research, University of Nebraska - Lincoln (2017, 2018, 2019)
- 🏆 Qualifier, NCAA National Championship Cross Country Team (2017)
- 🏆 Qualifier, Iowa Conference Track and Field Championships (2015, 2016, 2017, 2018, 2019)
- 🏆 Academic Honors, Nebraska Wesleyan University (2015, 2016, 2017, 2018)

SOFT SKILLS

Sales · Flexibility · Problem Solving · Solution Driven · Communication · Teamwork · Automation · Tech Savvy · Strategic · Self-Direction

ACHIEVEMENTS

- Four-time finisher, Tour de Nebraska, a 300-mile bike ride
- Finisher, Triple By-Pass, a one-day, 120-mile bike ride over three Rocky Mountain passes
- Medalist, Lincoln Marathon (2:42)
- Medalist, Lincoln Halfsy (1:15)
- Finisher, numerous regional road races and triathlons