Logan Lundgren

SOFTWARE ENGINEER

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Summary

Experienced Data Scientist and Software Engineer with a strong focus on AI, data engineering, and model training. Proven ability to design and implement complex data systems from scratch, automate processes, and drive operational efficiency. Currently applying machine learning techniques as an AI Researcher at Creating Real, where I develop AI models and optimize data pipelines. Skilled in Python, SQL, and advanced math, I am eager to leverage my technical expertise and analytical skills to enhance AI models and contribute to Alignerr's mission in the AI training space.

Work Experience

G.R.O.W.T.T.H CO-OP
Xalt Energy
august 2022 - may 2023

- Developed data visualizations in PowerBI to streamline audit data analysis, creating automated dashboards to support real-time decision-making.
- Led cross-functional data-driven initiatives in Six Sigma Green Belt certification, focusing on statistical analysis and process optimization.

CELL TECH RESEARCH INTERN
Xalt Energy
may 2023 - august 2023

- Administered SQL databases, designing a scalable data architecture to ensure seamless communication across three servers, improving data accessibility and security.
- Automated data integration processes, enabling efficient testing of complex cell parameters and cost analysis, which reduced manual data handling by 60%.

ENGINEERING INTERN
Xalt Energy
August 2023 - Present

- Engineered a robust SQL database system to streamline part ordering, achieving a 70% efficiency improvement. Implemented best practices in database design for scalability and performance.
- Authored comprehensive database documentation and conducted training sessions, enhancing team proficiency in querying and data retrieval.

EXECUTIVE BOARD DOMESTIC DIVISIONAL
Northwood University International Auto Show
august 2021 - August 2022

- Managed a team of over 30 volunteers, overseeing operations in the division Successfully secured over 50 cars for display, demonstrating excellent negotiation and coordination skills
- Led various aspects, including contracts, logistics, and show design, contributing to the success of the largest outdoor new car show in North America

AI Researcher
Creating Real
may 2024- Present

- Designed and implemented advanced web scraping algorithms to autonomously collect and structure large datasets for machine learning applications.
- Conducted research on Large Language Models (LLMs), adapting and fine-tuning models for specific company needs and deploying them in production environments.
- Integrated APIs to support real-time data extraction and model training, enhancing data accessibility and model accuracy.

Advanced Mathematics AI Researcher
Outlier.ai
June 2023 - Present

-Engaged in advanced mathematics and programming tasks to train AI models, contributing to high-impact projects.
- Conducted data preprocessing, feature engineering, and analysis to support effective AI training and validation.

Educational History

BACHELOR OF DATA SCIENCE
Northwood University
2021-2025

BACHELOR OF COMPUTER SCIENCE
Northwood University
2021-2025

Relevant Skills

- Proficiency in Python, SQL, R, and machine learning libraries (e.g., TensorFlow, PyTorch)
- Data Structures, Algorithms, and Advanced Mathematics
- Machine Learning and Model Training
- API Integration and Web Scraping
- Data Pipeline Design and Automation

Affiliations & Awards

ALPHA SIGMA PHI board member
Fraternity
-Social media account manager and Scholarship Director

National AP Scholar with Distinction
CollegeBoard
-Earned the highest academic honors granted by the CollegeBoard

Northwood University Presidents List