

Sabrina J Kent

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Experience

Machine Learning Engineer - Tala - 2021-2023

- Implemented batch data retrieval from Snowflake cloud service within a custom Python feature store, reducing model training time to less than 15% and cutting training costs by tens of thousands of dollars
- Created a data science shared notebook server system that containerizes Jupyter Notebooks with ML code bases, streamlining model refinement and reducing delivery cycle times through the automation of development pipeline tasks
- Drove an initiative to transition feature store batch data manipulation logic into cloud data storage to optimize ETL, enabling data scientists to focus on experimental feature generation
- Proactively addressed knowledge fragmentation by initiating regular collaboration, facilitating efficient project execution, heightened quality, and enhanced team cohesion
- Improved bug detection by increasing unit test coverage across the team's feature store, enforcing a higher coverage threshold for consistent application to future code changes

Machine Learning Engineer - Foxconn Industrial Internet - 2019 - 2020

- Developed a Natural Language Processing (NLP) recommendation model for a medical imaging client
- Crafted an enterprise-level time series analysis machine learning model to automate inventory management for an external customer

Skills

Machine Learning • Data Science • MLOps • Neural Networks • Model Development and Training • Deep Learning • Feature Generation • Natural Language Processing • Python • Java • SQL • Javascript • Linux

Education

MS Artificial Intelligence, 2020
University of Wisconsin - Milwaukee

BS Molecular Biology
University of Wisconsin - Madison

Honors

Wisconsin Advanced Opportunity Fellow, 2017 - 2019