Jordan Winemiller

Senior Data Scientist

Contact

jordanwinemiller@gmail.com

913-620-7648

Kansas City, MO 64108

jordan-winemiller

jmwinemiller

Portfolio Website

Core Competencies

Ability to Plan and Organize
Business Relations
Communication
Conflict Management
Critical Thinking
Detail Oriented
Decision Making
Leadership
Mentoring
Problem Solving
Product Development
Program/Project Management
Stakeholder Engagement
Strategic Planning
Technical Notion

- Analytical Competencies -

Algorithmic Efficiency
Bayesian Inference
Categorical and Survival Analysis
Data Analysis
Data Modeling
Deep Learning
Experimental Design
Linear Models
Machine Learning
Mathematical Statistics
Multivariate Statistical Analysis
Nonparametric Methods
Statistical Computing
Statistical Learning
Visualization Analysis and Design

Professional Summary

Senior data professional with 10 years of experience in software engineering with over 6 years leading teams as a mentor to analysts, engineers, scientists, and product owners through multiple collaborative development teams. Working in a variety of data driven fields including data science, architecture, warehousing, and governance. Efficiently using software development and machine learning lifecycle methodologies to provide automated scalable enterprise product solutions.

Professional Experience

September 2022 from March 2020

Senior Data Scientist — Kansas City, MO

AdPredictive

- Designed closed-loop machine learning intelligence that empowers business leaders to their strategic goals and to make data-driven decisions
- Created market loyalty algorithms to help clients with retention of consumers
- Designed consumer experience indices for lookalike audience algorithms to expand clients' consumer base
- Designed the strategy for expanding company offerings for direct-to-consumer, and international products
- Managed department communications to business partners, clients, and executive leadership
- Worked with clients, sales, IT, and marketing teams to optimize key workflows to identify costs, results, and opportunities
- Architected the Machine Learning Lifecycle Platform

March 2020 from March 2018

Senior Data Scientist — Kansas City, MO

AutoAlert

- Provided guidance to members and participated in cross-departmental projects establishing the company as a leader for data science in the automotive software space
- Designed recommendation algorithms using recurrent neural networks for determine customer preferences
- Developed point process algorithms to determine when consumers were entering a potential buying cycle
- Modeled incentives on an individual consumer basis
- Created survival models to apply life cycle curves for products
- Architected producer process to push intelligent from data science models back into transactional systems

March 2018 from April 2017

Senior Data Developer — Kansas City, MO

AutoAlert

- Worked across multiple functional departments translating business problems into solvable cases with emphasis on anticipating future state product requirements
- Designed data model for content management system for custom templated campaigns
- Created ROI reporting dashboards for intelligent marketing campaigns
- Offered approaches to simplify data integration processes and standardize data feeds across systems, reducing data latency

April 2017 from November 2015

Senior Data Analyst — Mission, KS

VinSolutions

- Developed key performance indicators to illustration individual rankings to clients against similar, geographic, and global populations in areas leading to client revenue
- Architected the reporting and analytics platform for CRM external clients

– Software Methodologies –

Agile Software Development
API Development
Application Monitoring
Architecture Patterns
Cyclomatic Complexity
Data Modeling and Governance
Deployment Pipelines
Event-Driven Programming
Functional/Technical Documentation
Master Data Management
Test Driven Development

– Professional Affiliations –

American Statistical Association
Member *2018 - Present*

USA Rugby
World Rugby Level 1 Referee *2020 - Present*
USA Rugby L100 Coach *2020 - Present*
Senior Club Member *2010 - 2018*

— Community Service —

Kansas City Blues RFC
Executive Board Member *2019 - Present*
Treasurer *2018 - Present*
Club Member *2010 - 2018*

Civil Air Patrol
Cadet Program Management Officer *2005 - 2010*
Emergency Services Training Officer *2006 - 2009*
Cadet *2000 - 2006*

Boy Scouts of America
Eagle Scout *1997 - 2003*

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— Download My CV —

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- Led development teams in building customer retention reporting platform using WCF, ASP.NET Web API, and React JS
- Developed data model to support segmentation of Enterprise Data Warehouse (EDW) by clients, and client groups
- Implemented infrastructure for Business Intelligence team in Production, and two (2) pre-production environments
- Assisted Development Operations in transitioning applications to continuous integration and deployment
- Developed the Data Gateway solution including databases, web API layer, and the Azure management proxy

Education

Master of Science Kansas City, KS
Applied Statistics and Analytics
University of Kansas School of Medicine
Graduated Mu Sigma Rho
National Honorary Society for Statistics

Graduate Certificate Kansas City, KS
Biostatistics
University of Kansas School of Medicine
Advanced coursework in Bayesian and Statistical Inference

Bachelor of Science Kansas City, MO
Mathematics and Statistics
University of Missouri - Kansas City

Technology Summary

Programming Languages

Data Analysis: *Pandas, R, Bash, Vim*
Statistical: *Python, MATLAB, R, SAS, Haskell*
Machine Learning: *PyTorch, Scikit-Learn, TensorFlow, Spark MLib*
Object Oriented: *Python, C#, WCF, Golang, Java*
ETL Frameworks: *Spark, Scala, PySpark*
Front-End: *Angular, React JS*

Data Technologies

Amazon Web Services: *Aurora, Athena, Redshift, EMR*
Apache: *Kafka, Hadoop, Parquet*
Database: *Microsoft SQL Server, PostgreSQL, Oracle*
SQL Server: *SSRS, SSAS, SSMS, SQL Agent, PowerBI*
Graph: *GraphDB, Neo4j, Neptune*
NoSQL: *Elasticsearch, MongoDB, Cassandra*
Cache: *Memcached, MSQM, RabbitMQ, Redis*

Applications

Cloud Platforms: *AWS, Microsoft Azure, GCS, Linode*
Deployment Pipelines: *Apache Airflow, Jenkins, Octopus*
Experiment Tracking: *Databricks and self-hosted MlFlow*
Amazon Web Services: *ECS, Fargate, Lambda, Step Functions, S3*
Container Services: *Docker, Kubernetes*
Source Control: *Github, GitLab, BitBucket, TFS, SVN*
Operating System: *Linux, MacOS, Windows*

Professional Development

Kansas - Western Missouri Chapter
Bayesian Spatially Varying Coefficient Models with Functional Predictors, *2023*
Charting Your Course for Leadership Success, *2022*
Introduction to Structural Equation Modeling, *2021*

American Statistical Association
Joint Statistical Meetings, *2019 - 2022*
Weighted Methods in Surveys, *2020*
Bayesian Thinking: Fundamentals, Regression, and Multilevel Modeling, *2020*

Joint Statistical Meetings Short Courses
Analyzing Restricted Mean Survival Time
Bayesian Time Series Analysis
SAS Bayesian General Mixed Models
SAS Causal Effect Estimation
SAS Practical Causal Mediation Analysis
SAS Geospatial Analysis