Jordan Winemiller

Senior Data Scientist



Contact

- **** 913-620-7648
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- ♠ 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 crossdepartmental 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 AutoAlert

♥ Kansas City, MO

• 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

Jordan Winemiller Senior Data Scientist

- Software Methodologies -

Agile Software Development

API Development

Application Monitoring

Architecture Patterns

Cyclomatric 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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- 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





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



Programming Languages

UMKC

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