

Jamel M. Thomas

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EXPERIENCE

Sr. Data Scientist I & II

July 2021 - Present

Tandem Diabetes Care, Inc.

- Train & deploy ML solutions to predict customer renewals to prioritize calls.
- Forecast & deploy workforce KPIs to optimize call center headcount.
- Integrate modules in an internal simulation suite to predict patient outcomes.
- Analyze customer journey & recommend process changes via causal inference.
- Segment US market into Near-Term-Pumpers in order to increase market share.

Data Scientist

Oct 2019 - July 2021

Gurukul Solutions, LLC

- Implement deep learning & data mining methods in the cyber security domain.
- Perform Ad-Hoc analysis on Fortune 500 company data to deliver insights.
- Deploy data science models to production on Fortune 500 company servers.

Data Scientist

Feb 2018 - Oct 2019

Webb Family Enterprises - CEEM

- Use various ML methods to increase lead generation 50%.
- Develop dashboards to dynamically display KPIs to relevant stakeholders.
- Create AWS APIs to integrate 3rd party software, saving > \$50k in expenses.

RESEARCH

Algebraic Combinatorics

May 2015 - Jan 2016

California State University, Monterey Bay

- Proved by exhaustion an unsolved bijective conjecture in Combinatorics.
- Presented research with funding from UROC at JMM 2016 in Seattle, WA.

EDUCATION

Masters of Science, Statistics (3.9 / 4.0)

Aug 2016 - Dec 2018

San Diego State University

Bachelors of Science, Mathematics (3.85 / 4.0)

Aug 2012 - May 2016

California State University, Monterey Bay

SKILLS

Languages & Frameworks:

Present

Python (expert), R (expert), PySpark (expert), SQL (expert), , C++ (rusty), Keras, sklearn, git, PowerBI

Environments:

Mac OS, Windows, Databricks, Jupyter Lab, R Studio, VS Code

Others:

Regression Methods, Classification Methods, Time Series Forecasting, Causal Inference, Anomaly Detection

PROJECTS

See: jamelt.com