ALLISON **BERGMANN**

Data Scientist

📍 **Saint Louis, MO**
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PROFESSIONAL SUMMARY

A self-motivated and results-oriented data scientist with 6 years of quantitative research and analytics experience in both the finance and business intelligence spaces. Experience with large data sets and developing data-driven insights for early-stage fintech and Fortune 500 companies. Intending to continue on my career path to drive business decisions in a people-first and innovative company.

EXPERIENCE

Exegy, Inc. Saint Louis, MO | Remote

December 2022 – April 2023

Data Scientist – Quantitative Research

- Design and research statistical arbitrage strategies and end-to-end pipelines for intraday and daily trading, specializing in the momentum trading space.
- Wrangle intraday trading datasets of multiple petabytes in size for use in statistical models.
- Refactor and redesign research tools and pipelines, such as dynamic strategy back testers.
- Refresh and retrain existing machine learning models for client-facing products.

Edward Jones Saint Louis, MO | Remote

February 2020 – December 2022

Data Scientist

- Lead efforts on financial advisor peer clustering analysis to evaluate FA P&L efficiency.
- Developed sensitivity analysis, model performance analysis, generate data-driven insights, and perform improvements for a suite of AML models, and manage related dashboards.

Data Analyst

- Led annual pricing review initiatives to benchmark company pricing policies and generate scenario analyses for pricing changes, and presented findings to senior strategy leaders.
- Conducted pain point analysis by creating a practice impact calculator, developing KPIs, and leveraging economic models in efforts to research new business proposals.
- Extensively involved in Python development programs, building of educational tools, knowledge sharing presentations, and establishment of firm best practices.
- Supported ad hoc and peer review requests for multiple projects, including fee analysis, strategic advisor program migration, money laundering detection, client lifetime value analysis, and DEI initiative design and analysis. (See QR code for more details.)

FEFA, LLC Saint Louis, MO

March 2018 – January 2020

Director of Asset Management

- Oversaw operations, portfolio management, compliance procedures, and quantitative analytics for FEFA Asset Management.
- Collaborated with senior management team to take a data-driven approach to develop and adapt sales processes, company policies, and address any personnel concerns.

Assistant Director of Asset Management, Senior Investment Analyst

- Created process for researching, building, and managing 30+ company portfolios.
- Automated asset management processes with ETL pipelines, including account information audits, form submissions, portfolio tracking and management.

Retirement Strategist

- Led workshops and one-on-one retirement prep counseling sessions for federal employees.

Salarium Trading, LLC Kansas City, MO

October 2017 – November 2018

Co-Founder, Head Trader

- Co-founded a proprietary, algorithmically-based trading LLC specializing in swing trading strategies for U.S. equities and cryptocurrencies.
- Built strategies, databases, risk management systems, self-balancing portfolio algorithms, and trading architectures from scratch using Python.

SKILLS

Languages/Programs

Python

SQL / PostgreSQL / Oracle

Git / GitHub

Tableau

AWS

Technical Skills

Data mining / Processing (incl. ETL)

Machine Learning Modeling

Data Visualization

Statistical analysis

Experimental Design

Natural Language Processing

Basic Linux Server Development

EDUCATION

University of Michigan

Master of Applied Data Science, 2021

- Inaugural Cohort
- Pioneer Scholarship
- See QR code for project examples

University of Missouri

Master of Business Administration, 2017

- Graduate Teaching Assistant, Department and Sales Program
- John Sublett Logan MBA Scholarship
- Trulaske College of Business Crosby MBA Toyota Case Competition Winner

University of Kansas

Bachelor of Arts in Architecture, 2014

- Monsters of Design Award, Contract Inspirations Award for Practice, AIA Kansas Excellence in Architecture Design Award, AIA Kansas Concept Honor Award
- Study Abroad in Florence, Italy

For extended CV, project samples, and GitHub, please scan the QR code, or visit https://arbergmann.github.io