

Robert W. Smith

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Objective

Quantitative and technology oriented professional pursuing team-oriented career growth, with opportunities for leadership development.

Experience

PNC BANK

Brecksville, Ohio

Data Scientist

August 2018 - Present

- Designed and implemented conversion utilities to deploy high-value data science models to legacy systems; the deployed model validated within 0.01% accuracy of the original model
- Piloted the use of the Scala programming language for Apache Spark within my team, including planning multiple training sessions for teammates
- Designed, implemented & distributed multiple internal Python and Scala libraries for data science projects and as shared utilities
- Applied concurrent programming strategies to expedite required ETL and model fits

PNC BANK

Brecksville, Ohio

Business Analytics Consultant Senior

January 2017 - August 2018

- Created automated reporting workflow replacing a manual process
- Redesigned existing reporting processes to support IT legacy system retirement
- Consulted with teammates, offering independent advice on their reporting design and implementation

THE GOODYEAR TIRE & RUBBER COMPANY

Akron, Ohio

Operations Research Analyst

April 2016 - January 2017

- Designed and implemented automated, reproducible time-series forecasting process; improving accuracy 10% over prior baseline
- Led logistics network redesign project, identifying savings of over \$200k per year
- Consulted for internal Operations teams for ad-hoc optimization requests

THE GOODYEAR TIRE & RUBBER COMPANY

Akron, Ohio

Supply Chain Analyst II

September 2015 - April 2016

- Monitored and communicated production changes which impact strategic customer orders
- Facilitated communication between strategic customers and applicable internal teams
- Collaborated with strategic customers to provide proactive Supply Chain monitoring

THE GOODYEAR TIRE & RUBBER COMPANY

Akron, Ohio

Supply Chain Analyst I

December 2013 - September 2015

- Designed and taught automation techniques for order and delivery document management
- Designed Human Resources survey quantify Associates' weekly time usage
- Derived insights with Data Warehouse to report relevant performance statistics to leadership

THE GOODYEAR TIRE & RUBBER COMPANY

Akron, Ohio

Business Intelligence Intern

January 2013 - December 2013

- Designed and implemented a simulation program to optimize the inventory strategy
- Provided statistical consulting for colleagues with dynamic business problems
- Developed reporting using data warehouse technologies and business intelligence resources

Education

THE UNIVERSITY OF AKRON

Akron, Ohio

Finance

Master of Business Administration

Expected, 2022

THE UNIVERSITY OF AKRON

Akron, Ohio

Major in Statistics, Concentration in Computer Science

Bachelor of Science

2013

OHIO UNIVERSITY

Athens, Ohio

Major in Political Science

Bachelor of Arts

2008

HARBIN INSTITUTE OF TECHNOLOGY

Harbin, Heilongjiang, China

Mandarin Chinese language immersion

Study Abroad

Summer 2007

Skills

Data Science & Statistics:

Time Series Analysis & Forecasting, Survey Design & Analysis, Applied Artificial Intelligence & Machine Learning Techniques, Applied Regression & ANOVA

Programming Languages & Frameworks:

SQL, Python, Scala, R, C, C++, SAS, Teradata, NVidia CUDA C & C++, BASH, Apache Hadoop/HDFS, Apache Hive, Apache Impala, Apache Spark, Apache Oozie, L^AT_EX