Robert W. Smith

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Objective

Data science & technology professional with strong consulting skills pursuing career growth in a leadership-oriented position.

Experience

PNC Bank   **Data Scientist**
Brecksville, Ohio   *August 2018 - Present*
- Designed, implemented & distributed internal Python libraries to simplify complexities of Apache Spark simpler for new users
- 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 programming languages and code management techniques new to PNC
- Utilized concurrent programming knowledge & techniques to expedite required ETL and fitting data science models

PNC Bank   **Business Analytics Consultant Senior**
Brecksville, Ohio   *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   **Operations Research Analyst**
Akron, Ohio   *April 2016 - January 2017*
- Designed reproducible forecasting process, improving accuracy 10% over 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   **Supply Chain Analyst II**
Akron, Ohio   *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   **Supply Chain Analyst I**
Akron, Ohio   *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   **Business Intelligence Intern**
Akron, Ohio   *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   **Bachelor of Science**
Akron, Ohio   *2013*
Major in Statistics, Concentration in Computer Science

Ohio University   **Bachelor of Arts**
Athens, Ohio   *2008*
Major in Political Science

Harbin Institute of Technology   **Study Abroad**
Harbin, Heilongjiang, China   *Summer 2007*
Mandarin Chinese language immersion

Skills

Data Science & Statistics:
Time Series Analysis, Survey Design, Machine Learning, Artificial Intelligence, Natural Language Processing

Software:
Microsoft Office Suite, Linux, SAS, Minitab, SPSS, Tableau, IBM Cognos, Docker

Programming Languages & Frameworks:
SQL, Python, R, C, C++, SAS, Teradata, Hadoop/HDFS, Hive, Impala, Spark, CUDA