

# Robert W. Smith

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## Objective

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

## Experience

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### **PNC BANK**

*Brecksville, Ohio*

### **Data Scientist**

*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**

*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 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***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

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**THE UNIVERSITY OF AKRON***Akron, Ohio***Bachelor of Science***2013*

Major in Statistics, Concentration in Computer Science

**OHIO UNIVERSITY***Athens, Ohio***Bachelor of Arts***2008*

Major in Political Science

**HARBIN INSTITUTE OF TECHNOLOGY***Harbin, Heilongjiang, China***Study Abroad***Summer 2007*

Mandarin Chinese language immersion

## Skills

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**Data Science & Statistics:**

Time Series Analysis, Survey Design, Machine Learning, Artificial Intelligence

**Software:**

Microsoft Office Suite, Linux, Minitab, SPSS, Tableau, IBM Cognos

**Programming Languages & Frameworks:**

SQL, Python, R, C, C++, SAS, Teradata, Hadoop/HDFS, Hive, Impala, Spark