MICHELLE SANDERS

Data Scientist | Machine Learning | Analytics

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Chicago, Illinois

Summary

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With 7 years of experience in the domain of data science and analytics, I bring a proven knowledge of complex problem solving, machine learning, and strategic data analytics. Standout achievements include developing a predictive ad model and implementing a real-time analytics platform.

Experience

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Data Scientist

Facebook

2018 - Ongoing

Chicago, IL

Developed and implemented machine learning models for user behavior prediction.

- Developed a machine learning model to predict user behaviour, which improved click-through rates on ads by 20%

- Managed large datasets, improved procedures resulting in 30% time saved in data pre-processing

- Liaised with teams to understand business needs, translated into analytics & executed strategy, which increased conversions by 15%

Data Analyst

IBM

2015 - 2018

Chicago, IL

Analyzed large volumes of data to derive actionable insights.

- Implemented a big data platform for real-time analytics that increased processing speed by 35%

- Designed and conducted A/B testing which resulted in 10% increase in user engagement

- Analyzed data from various sources to develop insights used to drive business strategies

Junior Data Analyst

Google

2013 - 2015

Chicago, IL

Worked with the analytics team to maintain and develop reports.

- Implemented improvements to data collection which increased data accuracy by 25%

- Assisted with database design and data cleaning, improving data quality and integrity

- Involved in developing ETL processes for new data sources

Education

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Master's in Computer Science with specialization in Data Science

University of Chicago

2011 - 2013

Chicago, IL

Bachelor's in Computer Science

University of Illinois

2007 - 2011

Urbana-Champaign, IL

Languages

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English

Strengths

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Complex Problem Solving

Developed a machine learning model to predict user behaviour, improving targeted advertising by 30%

Machine Learning

Streamlined data processing tasks by implementing automation tools, boosting efficiency by 45%

Leadership

Successfully led a project involving the restructuring of the company's data architecture

Skills

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- Big Data

- Data Visualization

- Statistical Analysis

- Python

- R

- SQL

- ETL

- Machine Learning

- AI

Certification

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Certificate in Data Science

Johns Hopkins University (Coursera)

Machine Learning

Stanford University (Coursera)

Interests

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Machine Learning

Passionate about leveraging machine learning to interpret complex datasets

Rock Climbing

Love challenging myself physically and mentally through rock climbing