Ebony Moore

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SUMMARY

Senior Data Scientist with PhD in computer science and 15+ years of hands-on experience leveraging machine learning models and data mining to uncover insights and drive $1M+ in business growth.

EDUCATION

Longford Tech
Current - Current
PhD in Computer Science

EXPERIENCE

Cloud Clearwater, Senior Data Scientist
Jul '19 - Current

- Developed multivariate Gaussian anomaly detection algorithm in Python to identify suspicious patterns in network traffic
- Applied decision tree analysis, using R to predict whether an email is spam
- Led 4-person team on a data mining project to predict sales in the retail domain
- Conducted cluster analysis to generate segmented profiles of customers

Tradelot, Data Scientist
Aug '15 - Jul '19

- Created machine learning models with Python and scikit-learn to predict energy usage of commercial buildings with 98% accuracy
- Reduced third-party reporting costs by $100K+ per year with machine learning models
- Developed an algorithm in R that automated financial forecasting

River Tech, Data Scientist
Jan '13 - Aug '15

- Doubled campaign response rates with predictive models in R
- Used random forest algorithm to help identify loyal customers and predict the likelihood of customers buying a recommended product
- Created customized reports in Tableau for data visualization

SKILLS

- Python, Hadoop, R, SQL
- Predictive modeling
- Quantitative analysis
- Big data