ROBERT SMITH

Principal Data Scientist

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SUMMARY

Decades of experience with 18 publications involving data mining, statistics, machine learning/predictive analytics, image processing, and time-frequency domain signal processing of time-series signals. An experienced programmer A creative thinker with earnest curiosity and eagerness to learn new skills US citizen.

CORE COMPETENCIES

Decades of experience in data mining, statistics, machine.

PROFESSIONAL EXPERIENCE

Principal Data Scientist
BOTTLENOSE - March 2013 – 2019

Key Deliverables:

- Real-Time Trend Detection First non-founder employee.
- Developed and established the Intelligent Playground of Bottlenose from the ground up.
- This platform proved to be a central player in raising over $15 million in funding.
- Used weighted SVM on top of signal processing techniques to find trends in social-media before competitors.
- Found breaking-news significantly sooner than news agencies on over 80% of occasions.
- Developed patented methods of correlation on streaming data.
- Combined noise-deduction with different correlation metrics to detect time-lag relationship between thousands of live social-media data metrics.

Data Scientist
ABC Corporation - 2012 – 2013

Key Deliverables:

- Worked on building several machine learning algorithms to classify malicious files and shipping the completed model as web API and software package.
- Worked with big data using Cassandra and developing APIs.
- Worked with big data using Apache Spark.
- Developed machine learning algorithm to classify random domains based on the name only and implemented it into a web service and software package.
- Developed IP reputation scoring using mathematical modeling and implemented it into a web service.
- Developed IP to ASN mapping and implemented it into a web service.
- Evaluated prospective vendor products..

EDUCATION

- PhD in Statistics - September 2013(University of California - Los Angeles, CA)