Robert Smith

Data Scientist Trainee

CONTACT DETAILS

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PERSONAL STATEMENT

To obtain a position as a Data Architect in a collaborative environment utilizing my creativity and technical skills. The position must demand a high degree of self-motivation and the ability to drive data-centric solutions for complex business problems. I most enjoy solving problems that require my data modeling, analytics, and solution architecture expertise.

WORK EXPERIENCE

Data Scientist Trainee

ABC Corporation -   March 2014 – April 2016

Responsibilities:

- Business Opportunity Network Kinetix provides Business Assurance and Revenue solutions to mobile carriers, enabling non-intrusive access to live network traffic for immediate analysis, decisions, and action on revenue-impacting events.
- Examples include Fraud Detection (International Revenue Sharing Fraud, Identity Fraud, SIM Box By-Pass Fraud), 911 Outage, Network Operations, and Customer Experience.
- My Contributions Model complex mobile carrier problems through using statistical, algorithmic, mining, and visualization techniques.
- Produce operable insights using supervised and unsupervised machine learning.
- Integrate live data from multiple network protocols.
- Create live data analytics applications that make data-driven decisions on each event as it enters the data pipeline based on rules discovered through machine learning.
- Deployed on the HP Helion Public Cloud demonstrating a scalable cloud version of network data analytics application.

Data Scientist

ABC Corporation -   2012 – 2014

Responsibilities:

- Worked on, multiple projects to leverage statistical learning/machine learning algorithms to automate Alternate Asset Servicing.
- The automation helped NT to reduce errors and improve operational efficiency.
- Further, developed BI reports that provided predictive analytics & Reporting with dashboards on analyst performance, client activity, future workload & anomalies based on data collected from discrete applications.
- Defined Project Scope, project Charter & Business Case Prototype machine learning algorithm for POC (Proof Of Concept) Performed Data Cleaning, features scaling, features engineering, Developed predictive models for use in machine learning platform using the scikit-learn python framework Improved statistical models using learning curves, parameter curves, feature selection, and regularization.
- Performed ad-hoc data analysis for customer insights using hive on

SKILLS

Data Architecture, Data Modeling, Big Data, SQL.

LANGUAGES

English (Native)
French (Professional)
Spanish (Professional)

INTERESTS

Climbing
Snowboarding
Cooking
Reading

REFERENCES

Reference – 1 (Company Name)
Reference – 2 (Company Name)

Hadoop cluster Developed MapReduce pipeline for feature extraction
Implemented SVM using gradient descent algorithm Performed Principal
Component Analysis Fine-tuned low bias & High variance trade off
Defined the technical requirements of the analytic solutions.

- Defined the data requirements of the analytic solution.
- Worked on commercial data from desperate source systems, built data
models and transformed data to provide added value in IT applications
by streamlining processes, reducing cost , maximizing profits & rolling
out business solutions that met one of the.

Education

Bachelor's in Mathematics - (Sonoma State University)