Data Analyst Intern

ROBERT SMITH

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Objective

Over 3 years of experience in Business Requirements Analysis, Project Management, Agile Software Development, Testing, Implementation and Maintenance of various web-based software applications. Well-honed, goal oriented individual with strong logical, technical, analytical and interpersonal skills.

Skills

Data Analysis, Data Collection, Machine Learning, Regression Analysis, Big Data Analysis, Hadoop, MapReduce, UNIX, Bash.

Work Experience

Data Analyst Intern

ABC Corporation - June 2015 – August 2015

- Observed in-depth patterns of half a million rows of service data using PCA, t-SNE, Factor Analysis, K-Means, and Hierarchical Clustering.
- Constructed the model by applying time series, pattern recognition Seasonal Model and GARCH Model in R for anomaly detection purpose, models self-study the new patterns of service data, updates the model by modifying the Bash file that executes configuration update.
- Implemented the models and generated the configuration files (JSON format) in Python using Pandas, Numpy, Stats, etc.
- Integrated it within the monitoring system, the algorithm provides a score for each services health status on a minute-by-minute basis.
- Evaluated and Analyzed the algorithm in the Monitoring system and optimized model configuration and alerting thresholds to the most accurate and comprehensible version, and deployed the DomoDex algorithm in all Domo environments service stats dashboards.
- Alerted the monitoring team when the DomoDex score goes down in real-time to help the team investigate and report the service issues.
- Worked with Data Governance and Data Quality teams to ensure compliance with standards and to initiate change requests Developed basic data merging and formatting of data as an input to the technical design phase.

Data Analyst Intern

ABC Corporation - 2010 – 2015

- Created & maintained prospective client database on Excel.
- Data analysis.
- Created & maintained enterprise state tax registration forms on excel.
- Screened process invoice requests.
- Quickbooks -Summer 2015- Hit-N-Run Baseball- Head coach 12yr.
- olds.
- Managed kids, taught lessons in which I learned to work with patience, teaching abilities, kindness -Summer 2014- Newlio Marketing- Business Development Intern - Survey creation & data analysis, marketing research, business development, sales, cold calls, data mining to

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analyze trends in survey responses -Summer 2014- Mima Vinoteca- Food Runner and Busser Leadership & Volunteer Experience.

Education

Bachelor of Arts in Statistics and Economics - (University of California, Berkeley - Berkeley, CA)

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