

# Robert Smith

## Co-Founder & Data Scientist

### PERSONAL STATEMENT

Over 12 years of experience in Data Management, Integration, Analysis, Software R&D and big data projects, 6 years system analysis and presentation in Logistics, Telecom, Finance.

### WORK EXPERIENCE

#### Co-Founder & Data Scientist

**XCG Design Corp - April 2016 - 2019**

##### Responsibilities:

- Statistical Data Modeling, Database Data Modeling, Advanced R/SQL Development.
- Perform data-extraction, transformation and loading (ETL) development and programming.
- Perform data-mining, data analysis and performance measurements on business-information systems by using analytics tools and methodologies.
- Carrying out Marketing Analytics (Basel II), Risk Management (Logistic regression) and Survival Analysis to evaluate customer information.
- Worked on importing data from various sources and performed transformations using Map Reduce, Hive to load data into HDFS.
- Configured MR/Sqoop jobs to import data from RDBMS into HDFS.
- Created HBase tables to store variable data formats coming from different portfolios.

#### Data Scientist

**Cyberdata Technologies Inc - 2014 - 2016**

##### Responsibilities:

- In support of National Oceanic and Atmospheric Administration (NOAA) activities, Dr.
- Kunkel supports the transition of the models from a research system to a fully operational system operated by the National Centers for Environmental Prediction (NCEP) Central Operations (NCO) in IDP cloud computing system.
- Establishing and enhancing operational monitoring working with the SDMs to identify monitoring gaps documenting; operational review meetings, be familiar with all aspects of NCO operations creating an archive of operational problems and solutions.
- Dr.
- Kunkel participates in Senior staff meetings which track issues with all of NOAA applications, including issues with retrieving and storing real time data, supercomputer operation and networking issues.
- Also, Dr.
- Kunkel, as lead for the Space Weather task at CyberData, provides guidance and oversight for Space Weather science activities to identify and investigate a new modeling capabilities, research developments, and observational advances as well as explore the interaction with

### CONTACT DETAILS

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### SKILLS

SAS, R, Python, Matlab,  
SQL, Hadoop, Oracle,  
SQL Server, Java,  
Machine Learning,  
Hypothesis Testing, Time  
Series Analysis,  
Marketing Analysis,  
Visualization, Excel  
Modeling.

### LANGUAGES

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

### INTERESTS

Climbing  
Snowboarding  
Cooking  
Reading

### REFERENCES

Reference - 1 (Company  
Name)  
Reference - 2 (Company  
Name)

ionosphere/magnetosphere models; She also identifies operational requirements for space weather and other weather applications.

## **Education**

M.S. in Applied Statistics - August 2013(Manderson Graduate School of Business - Tuscaloosa, AL)