

## Data Scientist

Highly analytical and process-oriented data scientist with extensive experience in sales and purchasing. Firmly believe that the future for all businesses will rely on data technologies to make executive decisions to improve businesses and maintain healthy relationships with its customers by analyzing the data to understand the customer needs.

Proficient knowledge in statistics, mathematics, and analytics. Excellent understanding of business operations and analytics tools for effective analyses of data. Furnish insights, analytics and business intelligence used to advance opportunity identification, process reengineering and corporate growth.

### Key Skills

- **Programming Language:** Python, R
- **Big Data Tech:** Hadoop, Spark, Hive, AWS
- **Machine Learning Tech:** Tensorflow, Keras
- **Database:** MongoDB, MySQL
- **Analytical Tools:** Excel, Tableau
- **Toolkits:** ERP, SAP, Git, Linux, Window, Outlook

### Relevant Experience

**Udacity** | Data Analyst Nanodegree Jun.2018 - Present

- Project-based programming credential
- Learned the practice of determining patterns from data to predict future outcomes and trends

**Fast Campus** | Data Science Intensive Jan.2018 - May. 2018

- Completed intensive, five-month full-time career accelerator course with 800+ hours of professional training and practicum experience covering the full range of data science practices and tools
- Learned industry best practices and practical data science standards by collaborating with senior data scientists

### Projects [Portfolio website: <http://datavoyagerdanny.com/>]

**Vehicle Value Forecast Web Services** | Project Manager

- Built a web scraper to gather data and stored in AWS and linear regression, XGBoost to predict the vehicle value
- Tech: Data Scraping & Cleansing, Machine Learning, AWS, MySQL, Flask, Bootstrap, High Chart, Nginx

**Predict House Prices** | Kaggle Competition

- Found features that have the influence on house values and then predicted it by Ordinary Least Squares Model
- Tech: Data Cleansing & Visualization, Linear Regression, Statistics, Python (Numpy, Pandas, Statsmodel)

**Spooky Author Identification** | Kaggle Competition

- Text analysis competition. Identify an author from sentences by Natural Language Process and Naive Bayes Model
- Tech: NLTK (Natural Language Toolkit), Naive Bayes Classification, Python (Numpy, Pandas, Scikit-learn)

**Digit Recognizer** | Kaggle Competition

- Image analysis competition. Identify digits from a dataset of handwritten images by Neural Network using Keras
- Tech: Keras, Convolutional Neural Network, Python (Numpy, Pandas, Scikit-learn)

### Certificates

- **Fast Campus**
  - Machine Learning with R
  - Apache Hadoop
- **Coursera**
  - Machine Learning
  - Machine Learning Foundation
  - Introduction to Probability
- **Udacity**
  - Intro to Programming Nanodegree

### Additional Experience and Education

- **Donwon Autopart** | Sales Manager Aug. 2015 – Dec. 2017
- **Kukdo Chemical Co.,LTD** | Purchasing Assistant Manager Dec. 2013 – Jul. 2015
- **Lotte Chemical Alabama Corp** | Purchasing Assistant Manager Oct. 2011 – Nov. 2013
- **Myoungji University** | Bachelor's Degree in Business Administration Mar. 2000 – Feb. 2009