

Nuoya(Noah) Rezsonya

Project Link: <https://github.com/nuoyakang>

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Education

2017 - 2019

Southern Methodist University: Dallas, Texas USA

Minor: Machine Learning and Natural Language Processing

Master of Science in Data Science | Current GPA 4.0

2009 - 2014

University of New South Wales: Sydney, Australia

Bachelor of Civil Engineering | GPA 3.4

Experience

12/2018- Present

Data Analytics Intern: San Jose, CA USA

Visual Threat Inc.

❖ Data Analytics

- Improved data quality by refining the data collection process.
- Wrote Python scripts to clean, process and analyze the CAN bus data.
- Process approximate 2 GB CAN data from different cars daily. Identify CAN data changes and develop reports on changes in patterns.

❖ Product Management and Business Development

- Optimize the product web page so clients can land on the desired visualization faster and easier. Current version is 10% faster compared to the old version.
- Business development lead generating 2 new pilots in short time with the company.

09/2018- 12/2018

Data Science Intern: San Francisco, CA USA

Ambit Analytics Inc.

- Found 3 major factors that could significantly improve performance of one of our products -- Turn Taking predictive model.
- Increased the accuracy of the model by 15.87% by implementing my findings.
- Customized python scripts with different evaluation metrics to meet clients' needs.
- Collaborated with product and business team to adjust product dashboard.

10/2015 - 08/2016

Post-Graduate Structural Intern : Chongqing, China

JizhunFangZhong Engineering and Architecture

- Used MySQL to build the database of steel design parameters and costing.
- Supported development and management of scope, schedule and budgets for projects.
- Monitored construction progress against procurement schedule.

Skills

Analytic Tools

Python(pandas, numpy, scikit-learn), R(ggplot2, rvest, plyr, forecast, olsrr, caret), **SAS**

RDBMS

MySQL, MongoDB

Data Visualization

Tableau, Python(matplotlib), Processing

Machine Learning

Regression: Linear Regression, ANOVA, MANOVA

Classification: Logistic Regression, SVMs, k-NN, Random Forests, Ensemble Methods

Clustering: k-Means, DBSCAN, Agglomerative Clustering