YUTING GUI

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EDUCATION

Master of Science in Data Science   May 2017
New York University   New York, NY
Related courses: Machine Learning, Deep Learning, Big Data, Inference and Representation, Natural Language Processing, Computing in Finance, Risk and portfolio management

Bachelor of Science in Statistics   May 2015
University of Minnesota, Twin Cities   Minneapolis, MN
Related courses: Time Series, Design Experiments, Nonparametric Analysis

SKILLS

Programming language	Python, R, Java, C++, Scala, Stata, SAS,
Scripting language	Torch(Lua), mySQL, MATLAB,
Others	LaTeX, HTML, Hadoop, Spark, Mathematica, Word, Excel, PowerPoint

EXPERIENCE

Data Scientist Intern   May 2016 - Aug 2016
American International Group, Inc.   *New York, NY*
· Identified relationships between external and internal car damages. Predicted whether the vehicle is total loss by using machine learning models.
· Developed neural network models to auto-evaluate the car damage severity by scanning car images.

Technology Journalist, Part-time   Nov 2016 - present
Synced Technology Co.   *New York, NY*
· Translated and summarized video lecture materials, covering topics in Deep Learning, and Reinforcement Learning.
· Collected Data Science Meetup information, interviewed with the Meetup speakers.

Business Intelligence Analyst Intern   May 2015 - Aug 2015
17zuoye Corporation   *Beijing, China*
· Launched RStudio on server, analyzed users credits consumption records with RStudio server and SQL.
· Exploited machine learning models to predict potential market size for 50 cities based on customer survey.

PROJECTS

Document Learning and Classification with Variational Autoencoder
· Proposed a multi-task model that jointly learn document representation and classification with VAE.
· The model outperformanced strong baseline in classification and representation tasks with IMDB, RCV1 datasets.

Apparel Classification
· Web scrapped clothing images from Polyvore.com.
· Used machine learning method and deep learning method to predict the clothes types.

Location Recommendation for Restaurant Business Holder
· Based on restaurants data scrapped from Yelp.com, gave location and characteristic recommendation for people who want to start a new restaurant.
· Applied machine learning algorithms to predict whether a restaurant will be success in a certain area.

Check out my website for more project works done. (http://guiyuting.github.io/)

EXPERIENCE

Peer Learning Consultant   May 2016 - Aug 2016
Smart Learning Common, University of Minnesota   *Minneapolis, MN*
· Tutored students in college-level Mathematics, Statistics and Chinese.
· Collaborated with peers to publish career guidance manual for consultants to be distributed at annual training.
· Learned professional tutoring methods by attending bi-weekly staff meetings.