Li Ding

(585) 451 - 0170 • lding94@outlook.com • Zephyr-D.github.io

Education

University of Rochester **Rochester, NY**

M.S. in Data Science *Jun. 2016 - May 2017*

- **GPA 3.76**
- Academic Tuition **Scholarship**
- Retina Group (**Deep Learning & Comp. Vision**)

Central University of Finance and Economics **Beijing, China**

B.S. in Statistics *Sep. 2012 - Jun. 2016*

- **Class Ranking #8 (out of 37)**
- Excellent Youth 2015 (**%2** of undergraduates)

Skills

- **Python:** 3-year experience, 4 *Kaggle* competitions, using `Numpy`, `Tensorflow`, `XGBoost`, `sklearn`, etc.
- **R:** 4-year experience with statistical learning and visualization, using `rpart`, `glmnet`, etc.
- **SQL:** 2-year hands-on experience with enterprise-level MySQL databases, also MongoDB, Spark.
- **Others:** Linux (`Bash`), Git, GPU Computation (`Cudnn`), MATLAB, PHP, Tableau, Weka, etc.

Work Experience

PricewaterhouseCoopers (PwC) Information Technologies (Shanghai) Co., Ltd. **Shanghai, China**

Data Science Intern *Jan. 2016 - Apr. 2016*

- *PwC* **Big Data Group**, supervised by Partner & Chief Data Scientist Yao, Yuan.
- **Machine Learning** (Client: *China Taiping Insurance Ltd.*) - Partnered with *PwC*'s Consulting Team, applied machine learning techniques on massive customer information data to find out business opportunity.
- **Software Development** (*PwC*'s Big Data Analytics Platform) - Partnered with *PwC*'s Software Team, built various statistical and econometric models serving as the back-end of the platform, using **Python** and **R**.

Academic

TricorNet: A Hybrid Temporal Convolutional and Recurrent Network **U of Rochester**

Research in Retina Group *Feb. 2017 - May 2017*

- Introduced a novel **deep learning** approach for video action segmentation, under review by NIPS 2017.
- Used Python and Tensorflow for experiments. The proposed model achieved state-of-the-art performance.

***VisualDX*: Intrusion Detection Against Web Crawler** **U of Rochester**

Practicum for M.S. in Data Science degree *Mar. 2017 - May 2017*

- Sponsored by *VisualDX Inc.*, worked on site, collected data to explore ways of finding potential hackers.
- Designed a runtime intrusion detection model using Recurrent Neural Networks and Derivative Analysis.

Happiness Analysis — A Data Driven Approach via Instagram **U of Rochester**

Course Project for CSC 440 (Data Mining) *Aug. 2016 - Dec. 2016*

- Program an automatic collector to collect images and user information from over 100k *Instagram* posts.
- Implemented Data Mining and Deep Learning techniques to make analysis and propose a happiness score.

Awards

Mathematical Contest In Modeling (MCM/ICM) 2015: Meritorious Winner (Top 10%) *Apr. 2015*

Kaggle - Data Science Bowl 2017: Bronze Medal (Top 6%) *May 2017*