Justin **Liu**

Looking for Data Analyst · Junior Data Scientist

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"Maybe not the smartest, but be the most diligent one."

Summary

Self-taught Data Scientist through online learning platforms mainly. Not only course certificates but also real world projects applied data wrangling, machine learning and neural network techniques in R or Python. Always interested in telling story with elegant pictures and learning new technologies.

Education & Courses

EDUCATION

National Chung Hsing University   *Taichung, Taiwan*

M.S. IN TECHNOLOGY MANAGEMENT, GPA: 4.12/ 4.3   *Sep. 2017 - Jun. 2019*

- Theme of Dissertation: Identifying Emerging Trends of Blockchain Technology Using a Topic-based Patent Mining Model (ICIM 30th Nice paper award)

National Sun Yat-sen University   *Koahsiung, Taiwan*

B.S. IN SOCIOLOGY WITH A MINOR IN BUSINESS ADMINISTRATION   *Sep. 2013 - Jul. 2017*

ONLINE COURSES

Nov. 2019	SQL Fundamentals	*DataCamp*
Nov. 2019	Tensorflow in Practice Specialization in deeplearning.ai	*Coursera*
Jul. 2019	Deep Learning Specialization in deeplearning.ai	*Coursera*
Jul. 2019	Machine Learning in Stanford Online	*Coursera*
Jan. 2019	Data Scientist with Python	*DataCamp*
Dec. 2018	Data Scientist with R	*DataCamp*

Internship Experience

Cathay Securities Corp.   *Taipei, Taiwan*

DATA ANALYST INTERN - DIGITAL MANAGEMENT DEPARTMENT   *Jul. 2018 - Aug. 2018*

- Summarized daily news including FinTech, AI, and Blockchain topics.
- Analyzed the current trends in trading market such as credit score, robo-advisor, etc.
- Integrated open data into customer identity information to calculate the credit limit and further established dashboard to visualize the result through Tableau.

Starter Tech.   *Taipei, Taiwan/ Remote*

BLOCKCHAIN CONTENT INTERN - POCKET COIN   *Feb. 2018 - Aug. 2018*

- Translated crucial news, novelty applications and Blockchain fundamental concepts in plaint text.
- Introduced top 100 market value cryptocurrencies about their purpose and technical strategies.
- Developed the quantitative strategies using technical metrics and applied them to trade cryptocurrencies during the competition against the other interns.

China Merchants Bank   *Guangzhou, China*

INTERN - INTERNATIONAL BUSINESS DEPARTMENT   *Jul. 2017 - Aug. 2017*

- Classified the incoming telegram, and sent to the responsible person.
- Verified the document of L/C, including invoices, bill of lading, insurance forms, etc and further investigated the route of ship to avoid money laundering

Project

SPIL Fault Detection Model

TEAM MEMBER

- Researched on recent studies discussing the related problems about anomaly detection.
- Modified the structure of related works in order to fit our dataset and generate the proper results.
- Implemented RNN-based time series fault detection model and calculated anomaly score by the difference between predict and actual value.

DataCamp Project

PERSONAL PROJECT

- 70+ mini-project using real world data to practice essential data scientist skills in R, Python or SQL.

Jusliu.com

PERSONAL WEBSITE

- Hosted on Github, served through Netlify and wrote blog posts via R

Competition

2017 Service Design Competition
3rd place

TEAM LEADER
Oct. 2017 - Dec. 2017

- Conducted the field research to interview with users in order to capture the users' demands.
- Utilized design thinking methodology to rethink the service process and adopted several brainstorming techniques to come up with innovative ideas.

2018 Johnson & Johnson x Listerine Business Competition - Bring Out the Bold
Finalist (5 out of 200)

TEAM LEADER
Dec. 2017 - May 2018

- Joined Listerine marketing campaign in Carrefour and observed customer behavior during trail to catch the customer insight.
- Designed and conducted a customer questionnaire survey and afterward applied simple logistic regression to identify which type of customer tending to purchase mouthwash and vice versa.
- Redesigned the marketing campaign with limited budget attracting more children to give it a shot and increasing the penetration rate of Listerine in the long run.

Financial Elite Camp for Youth
2nd place

TEAM LEADER
Feb. 2018

- Proposed an investment portfolio within 18 hours to generate sufficient cash flow and matching family's wishes such as purchasing a new car at the same time.

Additional

Programming	R, Python, SQL, Git
Visualization	Tableau, Gephi(social network)
Report	Markdown, Jupyter notebook, Latex
Languages	Fluent in English, TOEIC: 975(L:480, R:495)
Interests	Reading, Workout, Playing Basketball