

Shuyun Tang (Jerry)

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Education

2019-09 ~ 2021-06

University of California, Santa Barbara

Bachelor of Science in Statistics and Data Science

- GPA: 3.97/ 4.0. Major: Statistics and Data Science.
- Dean's Honor receiver.
- Relevant course work: Probability and Statistics, Data Science, Machine Learning, Regression Analysis, Natural Language Processing, Computer Science, Vector Calculus, Linear Algebra, etc.
- National Honors Society North FL Chapter Scholarship reciever.



Project Experience

2020-05 ~ Now

Kaggle Competition

- Kaggle competition Global Wheat Detection top 6%. Build image anaylisis model with EfficientDet, YoloV3, (training pipeline for pytorch) and apply pseudo labeling. Constantly ranked top 10% in various competitions.
<https://www.kaggle.com/tangshuyun/competitions>

2019-09 ~ Now

UCSB Data Science Club

Project Initiator and Leader

- Project "SSH Port 22 Hacker Passwords Pattern" leader. Combine K-mean, PCA, Hamming Distance, Machine Learning to analyze more than 40,000 passwords' pattern. Selected to present in the annual showcase.
<https://github.com/44Shu/ssh-readme>



Internship/Work Experience

2018-06 ~ 2018-07

Oriental Ginza Financial Holding

Financial Assistant

- Financial assistant summer internship, assist company financial statistics, use SQL, R studio to analyze supply chain data, and generate reports.

2019-03 ~ 2020-05

Pax Technology, USA

Testing Engineer

- Use Android studio to test the programs of payment system. Collect and clean the test data, apply machine learning and regression analysis, and generate reports.

2017-07 ~ Now

Original Throw

Co-founder and Designer

- Establish the yo-yo accessory brand Original Throw, developed more than 10 products based on more than 100 yoyo players' datas, currently the best seller of yo-yo accessories in China. Exported to the retailers in North America, Japan.

2018-04 ~ 2020-09

Spark Global Education

English Teacher

- Selected as the English teacher for the children in Chinese remote areas. Created Speaking English Curriculum targeting elementary school and junior high school students.

2017-12 ~ Now

Red Cross Disaster Action Team

Registered team member

- Report and document the disasters, including fire, hurricane, assist post-disaster restorations. Serve more than 200 hours.



Skills

- Experienced in: Office, Python, C++, R, SQL, SAS, tensorflow, MongoDB.
- Language: Fluent in both English and Mandarin, nearly fluent in Japanese (passed jlpt N3 test).
- Professional sponsored yo-yo competitor: ranked 8th in the world, 3rd in national, regional and state champion.
- Professional Chinese Calligrapher: launched Chinese Calligraphy courses in local libraries.