

Liang Hou

GITHUB :<https://github.com/turfT>

Education

- 2016–2018 **Master of Science in Financial Engineering**, *The Chinese University of Hong Kong*, Shenzhen, (pending).
- 2011–2016 **Bachelor of Financial Mathematics**, *Beijing Normal University-Hong Kong Baptist University International College(UIC)*, GPA – 3.3.
First Class Honours, Dean List for 4 semesters

Experience

- 2016.3– **Python and Spark coder**, TRAVEL TAO, Zhuhai.
- 2016.7
- Maintained the Databases, about 4000 daily active users, and total 45000 users in distributed server and generated daily statistical report.
 - Data preprocessing, especially, transferring the GPS data into geographic information
 - Data Visualization with Echart and matplotlib-basemap(Python), like user thermodynamic chart.
- 2011.3– Part-time librarian in both circulation desk and catalogue for 2 years
- 2013.12

Projects & Award

- 2016.2 & The Mathematical Contest in Modeling(MCM) Honorable Mentions
- 2015.2
- 2015.10 Random forest algorithm and its application on annual reports analysis, Final year project
- 2015 Valuing of Callable Bond with Constant Volatility in Binomial Vasicek Model
- 2015.3 Financial Risk Management Report on Apple Inc VaR with Different approach
- 2014.2 Time Series Analysis(arima) for Nikkei 225 index

Skills

- English TOEFL 90 scores, adapted in english-taught college and able to work in English environment
- Intermediate \LaTeX , Mathematica, Linux, SPSS, CLOJURE and C++
- Advanced PYTHON, R, Spark

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