YIMIN ZHAO

20-1-2001 Zi Yunyuna ◇ Tianjin, Binhai New District

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EDUCATION

Wuhan University, School of Mathematics and Statistics   *Sep.2015 - Present*

B.S. in Mathematics and Applied Mathematics(Financial Mathematics track)

Major GPA: 3.70/4 Rank: 2/32

SCHOLARSHIPS AND AWARDS

Scholarships

Academic Scholarship (once), First-prize Scholarship (once), Second-prize Scholarship (twice), Third-prize Scholarship (once) 14000RMB in total

Awards

Honours Degrees(10%), Merit Student, Model Student of Academic Records (twice), Advanced Individual of Social Work, Excellent League Member

RESEARCH EXPERIENCE

Chinese Academy of Science, AMSS   *Aug 2018 - Sep 2018 and Mar 2019 - May 2019*

Research Assistant   *Beijing, China*

· Got a comprehensive understanding of RNA-seq and dimension-reduction algorithms such as t-SNE

· Coding for a multi-objective optimization model(scTIM) which is designed to seek cell-type-indicative marker from RNA-seq data

· Designed a method to evaluate the consistency between a given gene regulatory network and cells

College Students' innovation and entrepreneurship training program *Feb 2018 - May 2019*

Team member   *Wuhan, China*

· Utilized Python to research on the Recognition of the Facial Micro Expression Based on CNN

INTERNSHIP

TF SECURITIES   *Oct 2018 - Jan.2019*

Investment Research Intern   *Shanghai, China*

· Back-tested on strategies for Calendar Spread Arbitrage and Pairs Trading

· Selected fast-incresing stocks using decision tree—selected stocks as trainingset and labled them according to increasing rate, introduced some financial variables as parameters for test

ACTIVITIES

14th CITI Financial Innovation Application Competition   *Jul.2018 - Nov.2018*

Co-leader   *Dalian, China*

· Won the 2nd place in the final contest and the Best Mobile Open Bank Innovation APP, was awarded with 8,000USD.

· Applied Collaborative Filtering Algorithm to make directional and comprehensible recommendations on products and services according to preferences, consumption levels and habits of users

· Used Blockchain model of which the center keeps the accounts and the others audit the accounts to ensure data security and transparency; used RSA asymmetric encryption to gaurantee the merchants' directional reading of the information

ADDITIONS

Programming Skills	Python, C++, C, R, Matlab, MySQL, VBA, LaTex, Linux
Language	TOEFL(105, S23), GRE(328)
Membership	Debate Team, Chinese Young Volunteers Association
Blog Link	www.jianshu.com/u/1168bebb2745