

Deyin Ji

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Skills and Credentials

Programming: MATLAB, Python, L^AT_EX

Education

Southern University of Science and Technology ShenZhen, China

M.S. Operational Management Expected June 2022

- Coursework: Advanced Operations Research, Mechanism Design and Auction Theory, Game Theory and Its Application, Stochastic Decision Analytics

Southern University of Science and Technology

ShenZhen, China

B.A. Financial Mathematics (3.5/4.0) June 2020

- Merit award: Mathematical modeling contest, freshman scholarship
- Coursework: Numerical analysis, Partial Differential Equations, Statistical Computing, Derivatives, Financial Economics, Probability & Statistics, Financial Accounting, Linear Algebra, Econometrics

Internship Experience

CITIC Securities

ShenZhen, GuangDong

Investment Analyst June 2019 - September 2020

- Analyzed cases of acquisition and reorganization of big companies, do integrated report, PPT and presentation.(Case study)
- Reviewed IPO work of listed companies legally.

Projects and Research Experience

Southern University of Science and Technology in Prof. Hanlin Liu's Group

ShenZhen, China

Blind Box Pricing and Design for Collectors(working) Sept 2020 - Present

- Propose the first mathematical modeling framework for selling blind boxes. Apply Markov Chain method to obtain the optimal probability distribution and explore social problems associate with blind boxes.

Southern University of Science and Technology

ShenZhen, China

Prof. Jiawen Gu's group(Financial Mathematics) Oct 2019 - June 2020

- Considering the uncertainty of parameters, made a small extension on the basis of traditional mean-variance model of portfolio selection.

University of British Columbia

Vancouver, Canada

Entrepreneurship Project: Business model of a new company Summer 2017

- Determined the idea of venture investment, took charge of value proposition, SWOT analyses.

Standard Test

Toefl: 106, S 23, W 28, R 29, L 26

Gre: 329, Verbal 161, Quantitative 168, Writing 3.0