

MING CHEN

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EDUCATION

Sichuan University Bachelor of Science in Economics Major: Financial Engineering GPA: 3.84/4.00 In-progress Coursework: Database Technology, Stats Modeling, Computer Network and Application	09/2016-06/2020
University of California, Los Angeles Selected Coursework: Probability Theory, Statistical programming with R GPA: 4.0/4.0	08/2019-09/2019

PROFESSIONAL EXPERIENCE

Survey and Research Center for China Household and Finance <i>Intern Staff/Data Processing Analyst/Team Leader</i> <ul style="list-style-type: none">Organized the team to complete the data processing and analysis of hundreds of samples per dayWrote and maintained STATA programs to complete preliminary data cleanupTrained five new employees to use STATA to complete daily data processing and helped guide their daily workEventually completed the tracking processing of more than 30,000 data samples	06/2019-08/2019
Prudential Hong Kong <i>Intern Staff/Workshop Leader</i> <ul style="list-style-type: none">Led the team to win the investment, product launch contestManaged data processing and analysis in finishing market analysis/SWOT analysis reportMotivated the team to create a business plan for the development of the insurance market in mainland China	01/2018-02/2018

RESEARCH EXPERIENCE

Analysis of The Effect of Urban Residents Insurance on Chinese Family Consumption using DID method based on CFPS Microdata <i>National Undergraduate Curricular Academic Science and Technology Works</i> <ul style="list-style-type: none">Analyzed the panel data for household consumption using STATAConclusion: Promulgation of urban medical insurance has a greater effect on growth of household non-medical consumption	05/2019-06/2019
Comparative Analysis of Higher Education Levels in China's Provinces Based on Cluster Analysis and Factor Analysis <i>Empirical Analysis Course, Advised by Xiaolan Chen, Associate Professor, School of economics</i> <ul style="list-style-type: none">Pre-Processing data and cluster analysis and factor analysis using STATATook the output of higher education as in indicator, divided each province into four grades, and the educational resources, student qualities and regional differences between the various levels were analyzedConcluded that the influencing factors of the differences include economic conditions, regional development, etc.	03/2019-04/2019
China Undergraduate Mathematical Contest in Modeling <i>Leader/Paper writer/Algorithm design</i> <ul style="list-style-type: none">Used Genetic Algorithm to optimize and solved RGV dynamic scheduling problem with MATLABResponsible for the writing and modification of modeling paper using LaTeX	09/2018

PROJECTS

Educational Administration Course Selection System <ul style="list-style-type: none">Used Navicat to design the model for the entire database – each table, relationship and their attributesWrote the implementation of SQL statement with MySQLUsed VB.NET to complete the development of the front-end page for the database	11/2019
Time Series Data Analysis Based on Xinjiang Tianye Co., Ltd. (A-share: 600075) <ul style="list-style-type: none">Used MATLAB to build ARMA model to fit the sample data of 200 trading days from June 1, 2018 to March 29, 2019 (including five variables of "date", "opening price", "highest price", "lowest price" and "closing price")Established GARCH (1,1) model to forecast and simulate the volatility of the stock data	06/2019

Compress/decompress Files Using Huffman Coding

11/2018

- Built Huffman tree with minimum heap and store it in tree-info file, get coding and complete file compression
- Read the tree-info file to restore the Huffman encoding tree, and then read the compressed file for decompression
- Used C++ to write, maintain and test the code independently and complete the design of user interface and operation guide

CAMPUS LEADERSHIP

“Challenge Cup” National College student Business Plan Competition

10/2017-01/2018

——Second Hand Book Transaction Intermediary in P2P Mode Based on Campus

Leader/Project Design/Data Analysis

- Led the team to complete the construction of the project
- Completed the processing and visual analysis of data using R programming

Practice of Winter Vacation Social Activities in Sichuan University

01/2017-02/2017

Organizer

- Led a team of 20 people to return to the high school alma mater during the winter vacation to promote Sichuan University, with more than 300 active participants
- Awarded the title of “excellent team” of Sichuan University and won the Academy Practice Answers Competition (2nd place)

College Welcome Party Night

10/2016-12/2016

Host/Program Director/Choreographer

- Organized and hosted the major event
- Directed an acapella choir show and successfully performed in front of more than 300 audiences

PROFESSIONAL SKILLS

- **Technical Skills:** C++, R, MATLAB, STATA, Python | SQL | LaTeX | Microsoft Office
- **Certifications:** SAC(The securities qualification certificate)

AWARDS

Sichuan University First Class Scholarship

2017-2018

Awarded to students with exceptional overall results of the year, university level

The Third Prize of The Chinese Mathematics Competitions

10/2018

Awarded to contestants who performed well in the calculus competition, provincial level

The Third Prize of National English Competition for College Students

05/2018

Awarded participants who achieved excellent performance in English test, national level

The Third Prize of The Mathematics Competitions in Sichuan University

05/2018

Awarded to contestants who performed well in the calculus competition, university level