Kangyi Chen

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EDUCATION

North Carolina State University *August 2020 - Expected May 2022*
Master of Applied Mathematics, 3.8 GPA *Raleigh, NC*

Central South University *September 2017 - July 2021*
Bachelor of Statistics, 3.5 GPA *Changsha, China*

Relevant Completed Coursework: Numerical Analysis I & II, Mathematical Statistics, Regression Analysis, Time Series Analysis, Statistical Analysis Software, Control Theory, Operations Research, Optimization Theory and Algorithm, Linear Programming, Convex Analysis.

EXPERIENCE

Ping An Property & Casualty Insurance Company of China **Suzhou, China**
Data Analyst Intern **December 2020 – February 2021**
- Utilized SQL, Hive SQL, and data analysis skills to process customer data.
- Updated and revised data tables in data visualization platform.
- Assisted senior developers in auditing market data and created daily reports.

Data Visualization Lab / Central South University **Changsha, China**
Research Assistant **January 2020 – January 2021**
- Conducted research on evaluating effects of background story on graph perception.
- Recruited participants and recorded experimental data.
- Processed experimental data and evaluated results using similarity measurement.
- Wrote part of the paper and made images of participant data using Tableau.

Health Assessment of Shenzhen Residents Research Team **Changsha, China**
Research Fellow **May 2019 – June 2019**
- Collaborated with a team of 2 to analyze the health level of Shenzhen residents and its influence factor.
- Processed relevant data we collected, discussed key components of our model, and constructed a multiple regression model.
- Solved the model using MATLAB and authored the paper.

Students' Volunteer's Association **Changsha, China**
President **October 2018 – September 2019**
- Made plans for volunteer activities, led team independently, and maintained discipline.
- Gained strong communication skills through hosting large public welfare activities.
- Contacted institution managers and arranged for dates and transportation.
- Led the association to win the Outstanding Organization Award and Outstanding Volunteer Program Award.

SKILLS & AWARDS

Software: Python, R, SQL, Excel, MATLAB, Tableau

Language: English: fluent; Chinese: native

Honors & Awards:
- Second Prize of Mathematical Modeling Contest, Central South University, July 2019
- Outstanding Student Organization Leadership Award, Central South University, 2018 - 2019
- Scholarship for Comprehensive Ranking (Top 10%), Central South University, 2017 - 2018