

Jia Chen

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Summary

- Strong background in mathematics and statistics.
- Willing to learn new skills.
- A self-starter with strong verbal communication and listening skills.
- Passionate about data analysis.

Education

East Tennessee State University

B.S. IN MATHEMATICS (STATISTICS CONCENTRATION)

Johnson City, TN, USA

Aug 2014 - Dec 2017

- Undergraduate Research: Test for Randomness based on the Arcsine Distribution
- Advisor: Prof. Anant Godbole
- Cumulative GPA: 3.7 / 4.0
- Magna Cum Laude

Languages

Chinese Native

English Fluent

Relevant Coursework

INTRODUCTION TO STATISTICS IN BIOLOGY

- Explored the basic ideas of probability and statistics.
- Developed an understanding of hypothesis testing and how to arrive at a conclusion supported by statistical evidence.
- Hands-on experience using R and Minitab.

STATISTICAL MODELING

- Designed mathematical models, eg. Multiple Regression, Logistic Regression.
- Model selection using R^2 , Forward Selection, Stepwise Model Selection, and Maximum R^2 Improvement.
- Hands-on experience using SAS and R.

APPLICATION OF STATISTICS

- Solved real world problems using statistical tests such as Student's T-test, ANOVA, Randomized Block Design, and Sign Test.
- Collaborated with classmates in order to develop teamwork skills.

Residency and Citizenship Status

United States of America Citizen

Australia Working Visa with no restriction on hours

Experience

Nail Technician

PRO NAILS

Johnson City and Columbia, TN, USA

January 2013-September 2019

- Received Nail Technician License
- Held a full time job during my education at ETSU (35-45 hours per week).
- Learned to communicate effectively with customers in order to determine customer requirements.
- Developed an understanding of western culture, language, and diversity; learned to fit into a new environment.

Programming Languages and Skills

Microsoft Excel (Intermediate), LaTeX, R, SAS, Minitab