

## CHULING ZHU

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### SUMMARY AND OBJECTIVE

I have a background in mathematics and economics with the ability to translate data into actionable business decisions. I am seeking an internship as a quantitative financial analyst.

### EDUCATION

#### Rutgers University, New Brunswick, NJ, US

*Master of Science, Financial Statistics & Risk Management*

2015 – 2016

#### University of Minnesota, Twin Cities, Minnesota, USA

*Bachelor of Arts, Economics*

*Bachelor of Arts, Mathematics*

2014

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### PROFESSIONAL EXPERIENCE

#### Industrial Bank (Fuzhou Branch) Fuzhou, China

*Intern, Customer Service Department*

2014

- Assisted international customers to complete their banking transactions
- Communicated with and translated information for international clients
- Interacted with customers to identify their financial objectives, develop a financial plan and recommend investment products

#### Math Tutor, University of Minnesota

2013

- Tutored college students in Calculus I and II to clarify concepts and help students derive solutions
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### RESEARCH PROJECTS

#### Prediction of GDPPC (GDP Per Capita) in Fujian Province Based on Markov Chain

2014

- Used economic data for 2006 to 2012 to develop a Markov Chain model to predict 2014 GDPPC
- Compared the predicted with actual value of GDPPC, identified and explained the discrepancy, and proposed suggestions to improve the model

#### Application of Fourier Transform Analysis

2014

- Used Fourier transform to solve partial differential equations
  - Deduced the solution for a heat conduction equation independently
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### TECHNICAL AND OTHER SKILLS

**Core Domain Expertise:** Data Science, Financial Analysis, Risk Management

**Computer and Programming:** JAVA, R, Excel, PowerPoint

**Communication:** English, Mandarin; good listening and public speaking skills

**Workplace and Teaming:** Experienced as a team leader; commended for contributions to team productivity and outcomes; experienced completing projects effectively; enjoy solving problems and learning new things

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### HONORS AND ACTIVITIES

Finance Minister of Chinese Student Union, University of Minnesota

2012 – 2014

- Managed the finance team and developed budget proposals to fund events

Liaison Minister of AIESEC (International Student Leadership Organization), University of Minnesota 2012 – 2013

- Developed leadership activities for networking among universities