

# XINLIANG ZHONG

E-mail: xzhong16@fordham.edu

Phone: 917-742(9424)

## EDUCATION

### **Fordham University**

Master of Data Analytics

**New York, NY**

*Expected Graduation: Dec 2018*

### **New York University**

Bachelor of Arts in Mathematics

**New York, NY**

*August 2013-May 2017*

Bachelor of Arts in Economics

*August 2014-May 2017*

Minor in Computer Science

Minor in Web Programming and Applications

## RELATIVE COURSEWORK

- Artificial Intelligence, Machine Learning, Data Mining
- Mathematical Statistics, Statistical Inference and Regression Analysis
- Advanced Computational Finance, Financial Econometrics

## RESEARCH EXPERIENCES

### **Human & AI Decision Making,**

*July 2018 – Present*

#### **Research Assistant, Fordham University, NY**

- Design a survey on human decision making in moral dilemmas.
- Build a data analytics model for the tester's decisions.
- Build probabilistic logical models for several typical cognitive biases..

### **Institute of Information Engineering, Chinese Academy of Sciences**

*June 2017-August 2017*

#### **Data Analyst**

- Built a mathematical rating model for password strength based on information entropy.
- Applied deep learning on a dataset of nearly one billion passwords.

### **TRONCO Chatbot System,**

*July 2016 – August 2016*

#### **Undergraduate Student Assistant, New York University, NY**

- Applied TRONCO package in R language to analyze patient's information
- Built mathematical models to estimate future gene mutation and progression of cancer
- Provided treatment suggestion to patient though API

## WORK EXPERIENCES

### **Teaching Assistant, New York University, NY**

*Fall 2014 – Summer 2016*

- Graded homework and exams for a total of five undergraduate Math courses
- Held tutoring hours for undergraduate students

### **Yinhua Fund Management, Beijing, China**

*July 2015-August 2015*

#### **Research Intern**

- Gained deeper understanding of asset management business and acquired knowledge of quantitative investment.
- Participated daily seminars held by all related departments and the discussion on the marketing approach for a new product.

## SKILLS AND TOOLS

Python, Java, C++, R

Hadoop, Spark, SQL

LaTeX, HTML, CSS, PHP, JavaScript