

XINLIANG ZHONG

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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