

# Yida Yin

University of Wisconsin-Madison

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## Education

University of Wisconsin-Madison

Madison 2015.9-2017.5

Visiting Student & Master

Statistics

East China Normal University

Shanghai 2012.9-2016.5

Bachelor

Mathematics

## Relevant Skills

Mathematics

Mathematical Modeling, Differential Equation, Mathematical Analysis, MATLAB

Computer Science

Python, C++, JavaScript, Database, Spark, Web Scraping

Statistic and Data Science

Machine Learning, Nonparametric Statistics, Experiments Design, Statistical Inference, Time Series Analysis, R

## Related Projects

Analysis of the Income from Interest and Dividends

Estimated the value of household income from interest and dividends based on a large dataset which has 25,822 entries and 645 variables with many missing values.

Kaggle Competition: Distracted Driver Detection

Used a convolutional neural network to classify drivers' behaviors. Determine whether they are driving attentively, wearing their seatbelt, or taking a selfie with their friends in the backseat.

Q-Analogue generator written in Python

Wrote a program which can calculate most of the common quantum polynomials.

A basic AI of GO written in C++

Implemented a computer AI that plays Go by using a UCT algorithm in C++.

Zombie Simulator written in Python

Made a zombie simulation program which can load strategies of humans and zombies from files and simulate their behavior in a simulated world.

Portfolio built with React.js

Helped an industrial design majored senior year student build her online portfolio.

## Internship & Volunteer Experience

Data Analyst

Dianrong.com

2016

Dianrong is a Chinese Internet financial services company aiming at P2P lending. Our team built a Scorecard Model to score each borrower and decide whether we should lend money to this borrower

Full-Stack Data Scientist

E-Capital Transfer Co., Ltd

2016

I worked on building a company credit report system. First I scraped large amount of data including court records, registration information and recruitment information from the Internet. Then I build a searching website to display these data. On this website, a user can type in a company's name to get related information.

Volunteer

WLSA International Symposium

2012

## Awards

Outstanding Undergraduate Thesis Award: *A q-analogue of Certain Combinatorial Identities*

2016