

Yida Yin

University of Wisconsin-Madison

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Education

University of Wisconsin-Madison	Madison 2015.9-2017.5
Visiting Student & Master of Science	Statistics
East China Normal University	Shanghai 2012.9-2016.5
Bachelor of Science	Mathematics

Relevant Skills

Mathematics

Mathematical Modeling, Differential Equation, Mathematical Analysis

Computer Science

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

Statistic and Data Science

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

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
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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
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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
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Awards

Outstanding Undergraduate Thesis Award: <i>A q-analogue of Certain Combinatorial Identities</i>	2016
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