

Yida Yin

University of Wisconsin-Madison

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1402 Regent St., Rm 709, Madison, WI

Education

East China Normal University

Shanghai 2012.9-2016.5

Bachelor

Mathematics

University of Wisconsin-Madison

Madison 2015.9-2017.5

Visiting Student & Master

Statistics

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

Help my friend who major in industrial design building her own online portfolio.

Internship & Volunteer Experience

Data Analyst

Dianrong.com

2016

Dianrong is a China's Internet financial services company aiming at peer-to-peer (P2P) lending. Here borrowers can get loans from lenders. My job in Dianrong is to help my colleague building a Scorecard Model to give each borrower a score and decide whether we should lend money to him based on this score.

Full-Stack Data Scientist

E-Capital Transfer Co., Ltd

2016

During my internship in ECT, I tried to build a company credit report system. First I scraped large amount of data like court records, registration information and recruitment information from the Internet. Then I created a website to display these data. On this website, a user can type in company name to get related information about this company.

Volunteer

WLSA International Symposium

2012

Awards

Outstanding Undergraduate Thesis Award

2016