

# Wei Cao

(205)292-5920 • wc2642@columbia.edu

## EDUCATION

---

### **Master of Arts in Economics (in progress)**

Columbia University, Graduate School of Art & Science, New York, NY

### **Bachelor of Science in Commerce and Business Administration**

The University of Alabama, Culverhouse College of Commerce, Tuscaloosa, AL

Major: Finance&Math

Specialization: Statistics

GPA: 4.0/4.0

Dean's List, President's List

## STUDY ABROAD

---

### **Wuhan University (WHU), Wuhan, China, September 2013 – June 2015**

- Financial Engineering

## PROJECT EXPERIENCE

---

### **Statistic, Derivation of Formula**

The University of Alabama, Tuscaloosa, AL, Fall 2016-Spring 2017

- Derived the formula for the volume of an n-dimensional sphere
- Designed a program that can generate numerical solution for the volume within the first quadrant of an n-dimensional sphere when its center deviates from the origin

### **Finance, Data Collection**

The University of Alabama, Tuscaloosa, AL, Fall 2016

- Self-taught Python to research data of shares repurchased by a given list of companies
- Designed a web-crawling program to collect more than 60,000 data
- Accelerated the progress of collecting data by pinpointing the corresponding web-page.

## WORK EXPERIENCE

---

### **University of Alabama College of Arts and Sciences, Tuscaloosa, Alabama**

*Teaching Assistant*, January 2018-Present

- Grade homework and daily assignments for 41 students in a Theory of Probability course without a grading key
- Enter scores accurately into the Blackboard Learning System in a timely manner

### **Agricultural Bank of China, Sanya, China**

*Intern, Credit and Loan Department*, May 2016 – June 2016

- Transcribed the accounting statements to match approved format determined by the bank
- Collected credit information of over 500 companies to determine loan process outcome
- Familiarized with the required documents for loan applications and pertinent laws

### **Agricultural Bank of China, Wuhan, China**

*Intern, Assistant to the lobby manager*, Summer 2014

- Provided exceptional customer assistance by guiding customers in filling out debit card application forms
- Assisted customers in using a money-transfer machine to help increase customer loyalty

## LEADERSHIP

---

### **Supportive Education, Tanlin county, Hubei province, China**

*Tutor*, July 2014

- Counseled left-behind children in the rural areas with encouragement and education
- Managed and facilitated a mentor program for 25 newly selected children ages 14-15
- Taught children basic economics to help expose them to the subject matter and to increase education level

### **English Street Club, Wuhan University, Hubei province, China**

*Administrative vice-minister of human resource department*, September 2014 – June 2015

- Allocated personnel and resources to help promote events
- Coordinated activities and prepared necessary materials

## ACTIVITIES & SERVICES

---

**Member:** Student Union, Youth Volunteers Association

**Service:** Children's Oncology at Xiehe Hospital

## SKILLS & QUALIFICATIONS

---

Python, C language, SAS, Microsoft Excel