

Zhen Shuai

1829 Ivy St, Lewis Center, OH 43035 | c. 614.772.4175 | shuai.7@osu.edu

SUMMARY

- Result-driven analytical thinker with expertise in data analysis, statistical modeling, data manipulation / visualization, forecasting, reporting, project management.
- 3 + years hands-on experience in Predictive Modeling, Time Series Analysis.
- 4+ years strong programming skills in SAS, R, C#, Matlab, Microsoft Office, SolidWorks, Photoshop.
- Strong communication and team work skills enhanced through student organization involvement.

EDUCATION

The Ohio State University

M.S. Applied Statistics / GPA:3.84/4.0

M.S. Civil Engineering / GPA:3.84/4.0

B.S. Mathematics & Civil Engineering

Columbus, OH

May 2019

May 2019

Dec 2016

PROJECT EXPERIENCE

Statistical Consulting Project

Aug 2018 - Present

- Apply statistical analysis to help client handle imperfections, improved accuracy by 20%
- Conduct exploratory data analysis and data visualization to consolidate report and present the pattern to clients

WORK & RESEARCH EXPERIENCE

The Ohio State University: CEGE, Columbus, OH

Graduate Teaching Associate

Jan 2018 - Present

- Instructed intermediate level construction course to over 100 undergraduate students.
- Responsible for grading to ensure students understand basic engineering and management concepts of construction operations of various foundations, concrete, and steel buildings and bridges.

CICC, Beijing, China

Investment Analyst

Jan 2018 - Feb 2018

- Prepared a financially related pitch book for a state-owned enterprise customer to help them understand and determine most financially beneficial products.
- Collated information about regulations on restrictions on restricted stock to optimize customers' profits.

The Ohio State University: CEGE, Columbus, OH

Lab Assistant

Oct 2014 - Dec 2016

- Collaborated with CABS to model existing bus system to raise operation efficiency.
- Collected and analyzed data on the Campus Transit Lab to model for national transit bus system.

Dealam, Columbus, OH

Internship

Jan 2014 - Jun 2014

- Developed and analyzed keywords for accuracy and used Excel to generate reports.
- Assisted with marketing campaigns by providing statistical results of users' habits.

HONORS & LEADERSHIP ACTIVITIES

VP of Public Relations, Buckeye Beyond Society

Apr 2013 - Dec 2016

- Developed and implemented strategic communication plans to advance the identity of organization; tripled number of registered member.
- Worked within leadership team to identify challenges and issues faced by the organization and recognize opportunities and solutions. Solved budget issues in activity by contacting local firms for sponsorship
- Organized Mentor & Mentee Program, helping 100+ students to achieve goals.