

SHUAI YANG

EDUCATION

2018 – 2019

MSc in Biostatistics (Research Masters)

University College Cork (UCC), Ireland

Attended regular research seminars

The thesis involves the completions of three research projects. All analysis is carried out using R statistical software.

2014 - 2017

Bachelor of Science Degree – Mathematics and Applied Mathematics

Anhui University of Finance and Economics (AUFE)

Overall Results: 88% (First Class)

Core Subjects:

- | | |
|--------------------------------|---|
| ▪ Calculus | ▪ Linear Algebra |
| ▪ Advanced Algebra | ▪ Probability and Mathematical statistics |
| ▪ Ordinary difference equation | ▪ Mathematical Model |
| ▪ Operation Research | ▪ Mathematical Analysis |
| ▪ Geometry | |

2017 – 2018

Higher Diploma in Statistics

University College Cork (UCC), Ireland

Overall Results 77% (First Class)

Subjects:

- | | |
|---------------------|---------------------------------|
| ▪ Linear Regression | ▪ Time Series |
| ▪ Stochastic Model | ▪ Current Topics in Statistics |
| ▪ Survival Analysis | ▪ Generalized Linear Regression |

Final Project: Multidimensional Scaling (MDS) Analysis with Big Data

COMPETITION:

National Ninth Network Mathematics Modelling Competition

Team dissertation: Evaluation model of Washing Machine under comprehensive index

Ranking: First Prize

PUBLICATION

- Exploring Morning Surge in Blood Pressure by means of Mixed-effects Piecewise Linear Model submitted to Conference on Applied Statistics in Ireland (CASI).
- The Evaluation Model of Washing Machines under comprehensive indicators published in journal of Hebei North University (Nature science edition, N17-171) in September 2018.

WORK EXPERIENCE

2018.7-2018.8 Data analysis UWA Shanghai, China

Worked in UWA (a technology company aiming at optimizing new computer games) data analysis department as an assistant to the Header of Data Analysis. Responsible for data cleaning, producing summary statistics and using Principal Component Analysis to reduce dimensions of the data set.

2018.9-2018.12 Teaching Assistant University College Cork , Ireland

Worked in the department of Mathematics and Statistics in University College Cork as a teaching assistant, and delivered R and SPSS labs and statistics tutorials to the first year Public Health students and the second year medicinal students.

2019.1-2019.8 Casual Lecturer Cork Institute Technology, Ireland

Employed by Cork Institute Technology as a casual lecturer giving the statistics labs (Minitab) and tutorials to the third year Engineering students.

SOCIETY EXPERIENCE

2017.9-2018.5

International students representatives in Economics Society of University College Cork

- Assisting the chairman of Economy Society organize a variety of activities, and Promoting the Economy Society to international students in UCC.

PRIZES&AWARDS

- 2018 Awarded Graduation Scholarship from AUFE based on Academic Result
- 2016 Awarded RMB100,000 Scholarship from AUFE to study in UCC, Ireland.
- 2014-2016 Outstanding in course study
- 2014-2015 Outstanding Student Leader in AUFE
- 2015 Top 10 Volunteers in AUFE
- 2015-2016 Outstanding instructor assistant

SKILLS

Communication/Interpersonal:

- Strong team-working skills. Extensive experience of interacting and negotiating with team members in a professional level
- Willing to learn new things, and meet challenges in research
- Good at spoken and Written English

IT:

- R, SPSS, Matlab, Minitab
- Latex

Organization/Time Management:

- Experienced at managing time and prioritizing tasks to accomplish projects efficiently and meet deadlines.
- Can work effectively in a research team.
- Have experience in being part of committee and meetings.