SHUMIN RUI

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EDUCATION

Columbia University   **Sept. 2017 – May. 2019 (expected)**

Master of Science, Mailman School of Public Health

- Major: Biostatistics – Theory & Method Track
- Course: Data Science I, Biostatistical Method I, Probability
- Member of Education Committee in Biostatistics Student Cohort

University of Florida   **Aug. 2016 – May. 2017**

Visiting Student sponsored by China Scholarship Council

- GPA: 3.79/4.00
- Course: Applied Statistics II

Huazhong Agricultural University (HZAU) – Wuhan, China   **Sept. 2013 – Jun. 2017**

Bachelor of Engineering, College of Life Sciences & Technology

- Major: Bioengineering
- GPA: 3.71/4.00, Rank: 4/121

EXPERIENCE

DataCamp Online Shop Project using SQL– Online SQL Course   **Oct. 2017**

- Analyzed behavior difference of customers from different countries
- Compared product prices of different suppliers
- Evaluated employees' work efficiency

Graduation research on information diffusion theory – University of Florida   **Dec. 2016 – May. 2017**

Topic: "Information Diffusion Theory in Assessing the Influence of Medical Marijuana Law (MML) on Juvenile Risk Behaviors"

- Cleaned the survey data from 2003-2013 Youth Risk Behavior Surveillance System with SAS
- Built Random-Pairing Bootstrap – Mutual Information Technology (RPB-MI) Model with R
- Performed computer simulation for testing the validity of the model
- Examined the in-state and between-state information diffusion effect of the passage of MML in Michigan and Kentucky on juveniles' marijuana-related behaviors

Research on Epidemic of Esophageal Cancer in Lujiang County of Anhui – Anhui Medical University, China   **Jul. 2015**

- As a research assistant, conducted questionnaire survey directed at the eating habits of middle-aged people in Lujiang County of Anhui
- Measured the height, weight, girdle, heart rate, etc. of study participants

SKILLS

- Statistical Software Skills: R (1-year experience), SAS (intermediate), SQL (intermediate)
- Other Computer Skills: Microsoft Office, Adobe Photoshop (2-year of experience)

ACTIVITIES

Association of Sci-technology for College Students, HZAU– Wuhan, China   **May. 2014 – Apr. 2016**

Secretary to Minister in the Media Technology Center

- Produced publicity materials such as posters, panels and brochures and managed Wechat platform (updated every other day on weekdays) and official website
- Organized propagation work for all the association's events as a leader

HONORS & AWARDS

Denghai Seeds Scholarship awarded by Shandong Denghai Seeds Co., Ltd.   **Mar. 2017**
Chinese Government Scholarship awarded by China Scholarship Council   **May. 2016**
Meritorious Winner in Mathematical Contest in Modeling / Interdisciplinary Contest in Modeling   **Apr. 2016**