

Jaeo Han

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EDUCATION

Virginia Tech, Blacksburg, VA

December 2017

M.S., in Statistics

GPA: 3.88/4.0

Virginia Tech, Blacksburg, VA

May 2016

B.S., double major in Statistics and Mathematics

GPA: 3.98/4.0

Award: *WHITFIELD COBB* award (outstanding scholarship)

Honors Diploma: Honor Scholar

RESEARCH EXPERIENCE

NSF Promoting Research and Innovation in Methodologies for Evaluation project, Virginia Tech August 2016 - Present

- Collaborated with research teams at WSU, MSU, and OSU to develop a novel survey instrument to measure student engagement in a classroom
- Conducted social network analysis and compared different community detection algorithms to investigate student communication patterns

Fralin Translational Obesity Research team, Virginia Tech

May 2015 - May 2016

- Tested how a bio-tracking number system, developed by a mobile fitness application (FitNet), can capture the different types and levels of exercise programs through the mixed effects model

OTHER EXPERIENCE

Statistical Consultant, Virginia Tech's Laboratory for the Interdisciplinary Statistical Analysis (LISA) Summer 2017

- Helped researchers design experiments, analyze and plot data, run statistical software, interpret results, and communicate statistical concepts to non-statisticians
- Provided support for interdisciplinary research projects and review research proposals

Ticketmaster DataFest, American Statistical Association and General Dynamics

April 2016

- Identified the true fans and scalpers, explored what types of AdWords attract what types of users, and devised a marketing plans to target the true fans (Won the First Place Award with \$300 and ASA membership)

PROGRAMMING LANGUAGE:

R(Fluent), SAS, Python, MATLAB, C++, JMP

HONORS & CERTIFICATION

- Mu Sigma Rho, National Statistics Honor Society September 2017
- *Clyde Kramer* scholarship recipient, Department of Statistics, Virginia Tech March 2015
- *Norrine Bailey Spencer Strong Start* Award scholarship, Honors College, Virginia Tech January 2015
- SAS Certified Base Programmer for SAS9 November 2014
- Second actuary Exam FM/2, Financial Mathematics August 2014
- First actuary Exam P/1, Probability March 2014
- Award for Excellent Calculus (Top student in Korean high-school) February 2010

LEADERSHIP ACTIVITY

College of Science Dean's Leadership Council, Virginia Tech

August 2015 – May 2016

- Create study sessions, freshmen forums, career services events, and informational student meetings
- Invited alumni, professors, grad students, and industry professionals to speak at seminar

Actuarial Science Club, Vice President, Virginia Tech

September 2014 – May 2015

- Co-founded Virginia Tech's first Actuarial Science Club