

# Jaeco Han

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## EDUCATION

Virginia Tech, Blacksburg, VA  
M.S., in Statistics  
GPA: 3.88/4.0

December 2017

Virginia Tech, Blacksburg, VA  
B.S., double major in Statistics and Mathematics  
GPA: 3.98/4.0  
Award: *WHITFIELD COBB* award (outstanding scholarship)  
Honors Diploma: Honor Scholar

May 2016

## 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