Han Yong Wunrow | 978 Fifth Street East, St. Paul, MN 55106 | (651) 373-9433 | wunro007@umn.edu

Education
Bachelor of Science in Mathematics - Genomics Specialization   May 2017
Minor in Computer Science
University of Minnesota, College of Science and Engineering
GPA: 3.90, Magna Cum Laude with High Distinction
Dean's List 7 semesters, University Honors Program
Relevant Coursework: Cryptology, Graph Theory, Intro to Stochastic Processes, Math Analysis of Biological Networks, Algorithms and Data Structures, Dynamical Systems and Chaos, Computational Techs. for Genomics
Study Abroad: Pohang University of Science and Technology, Pohang, South Korea

Technical Skills
Languages: SAS, R, Mathematica, Intermediate C++, Intermediate Java, VBA, MATLAB, LaTeX
Software: Microsoft Excel, PowerPoint, Access, Adobe Photoshop, Dreamweaver

Work Experiences
English Teaching Assistant - Fulbright Scholar   July 2017 – Present
Fulbright Commission, Seoul, South Korea
- Teach 378 students English speaking, listening, and American culture in an immersion classroom
- Coach a team of 4 talented students to compete at the Youth Diplomacy and Activism Conference
- Volunteer 5 hours a week through blog posts and video conferencing a high school classroom in the U.S.
- Tutored North Korean defector students English on a weekly basis

Teaching Assistant – CSE 1001   Sept 2016 – Dec 2016
University of Minnesota, Minneapolis, Minnesota
- Coordinated one-on-ones with 40 first-year students to provide them with advice on their academic careers
- Aided in planning and conducting class activities and presentations

Teaching Assistant - UMTYMP   Sept 2013 – Jan 2016
University of Minnesota Talented Youth Math Program, Minneapolis, Minnesota
- Assisted over 30 middle school and high school students in a rigorous math curriculum
- Aided the teacher in conducting lesson plans and proctoring exams

Actuarial Intern   Summer 2014, 2015
Travelers Insurance, St. Paul, Minnesota
Professional Liability
- Standardized an exposure trend process for future rate adequacy reviews using multivariate regression
- Conducted a cross-validation analysis on Lawyers Professional Liability D&B models
- Developed a restatement routine for Cyber Risk

Commercial Accounts
- Supported Regional Operating Officers by producing 9 monthly reports and 5 ad hoc requests
- Automated Worker's Compensation dividend report by transitioning process from Excel to SAS
- Analyzed a global marketing factor usage of updated version of AIRPRRT

Leadership Experiences
Society of Asian Scientists and Engineers
President   Sept 2016 – May 2017
- Act as a voice for APIA students on campus through opting into committees and campaigns on campus
- Strengthen STEM outreach efforts through the formation of a local SASE Jr. chapter
- Arrange mentorship hangouts with 5 mentees to provide insight on their academic and career plans
- Schedule one-on-one meetings with board members to discuss their personal goals
- Lead efficient weekly meetings with 12 board members

Treasurer   Sept 2015 – May 2016
- Raised over $40,000 in company sponsorships and grants
- Established the student group as a 501(c)(3) non-profit organization to incentivize companies to sponsor
- Balanced budget of $20,000 for 2016 Midwest Regional Conference

College of Science and Engineering International Ambassadors

Secretary   Sept 2016 – May 2017
- Design email template in HTML using Adobe Dreamweaver
- Increase event attendance by 40% through effective email campaigns
- Maintain student group email and quickly respond to requests from exchange students

International Student Relations Manager   Sept 2015 – May 2016
- Paired 120 exchange and CSE students to help exchange students acclimate to campus
- Founded a series of events entitled 'This is My Hometown' to facilitate cultural exchange

Korean Traditional Drumming Group

Lead Sangswe   Jun 2015 – May 2017
- Lead weekly ensemble practices and created a schedule to teach new members
- Transcribe pieces and develop lesson plans to help onboard new members

Treasurer   Sept 2015 – May 2017
- Apply and acquire $600 in grants to fund our annual concert

Leadershape   Jan 2016
- Developed a personal vision during a weeklong retreat to help students "lead with integrity"
- Learned effective methods of leadership and applied it to my positions in student groups

Volunteer Experiences

Major Network Advisor   Sept 2015 – Dec 2016
Center for Academic Planning and Education, Minneapolis, Minnesota
- Acted as a contact for students exploring majors to discuss my experience with the major
- Created network opportunities and job shadows with actuaries from previous summer internships

University Honors Mentorship Program   Sept 2015 – Dec 2016
University Honors Program, Minneapolis, Minnesota
- Assisted two freshmen in the University Honors Program with adjusting to college life
- Arranged meetings between professors and the students to discuss research opportunities

Achieve Minneapolis Graduation Coach   Sept 2015 – Jun 2016
Edison High School, Minneapolis, Minnesota
- Connected with an at-risk high school senior every two weeks for one hour to discuss post-graduation plans
- Supported them in building academic confidence and feeling more connected to school

Welcome Week Leader   Aug 2015 – Sept 2015
University of Minnesota, Minneapolis, Minnesota
- Created a welcoming and inclusive environment for a group of 32 new first-year students for five days
- Volunteered for over 90 hours in training sessions and logistics planning

Honors and Awards

Phi Beta Kappa Society Member   May 2017

Outstanding Graduate in Mathematics   May 2017
Nominated as one of nine outstanding graduates in the mathematics department

SASE Collegiate Star Award   Oct 2016
Midwest region recipient; Selected for dedication as a role model and leader

Ella Thorpe Scholarship   Sept 2016
Merit based scholarship awarded to high achieving undergraduates in the Math department

Multicultural Center for Academic Excellence Academic Gold Status All-Star   Sept 2016
Honor given to high academic-achieving students

NOBE Product Pitch Case Competition   Mar 2015
First Place Team; Worked in a diverse team of business and engineering students

Mathematical Contest in Modeling   Feb 2015
Honorable Mention Local Level; Qualifier International Level

Global Korea Scholarship   Sept 2014
Merit based government scholarship to fully fund study abroad experiences in South Korea

Gross Consulting Predictive Modeling Competition   Nov 2013
Second Place Team; Developed Excel data analysis skills and utilized innovative modeling tool