

Luxin (Sabrina) Wang

lxw5332@uw.edu (864) 256-7879
8510 23RD AVE NE APT 2, Seattle, WA 98115

EDUCATION	University of Washington Master of Science in Data Science The Pennsylvania State University Schreyer Honors College Bachelor of Science in Computational Statistics	Seattle, WA <i>Expected Graduation: December 2021</i> University Park, PA <i>Graduated: May 2020</i> <i>GPA: 3.92</i>
AWARDS	Academic Excellence Scholarship The President's Freshman Award Cum Laude Society	<i>August 2017-May 2020</i> <i>May 2018</i> <i>May 2020</i>
EXPERIENCE	Swiss Re Summer Intern <i>Financial Planning & Analysis Intern</i> <ul style="list-style-type: none">Built Power BI template for financial reports with Power Query and drafted a step-by-step instruction guide for other users to set up the reportDeveloped a time series data model to analyze underlying loss drivers and forecast the future loss trendCoordinated with other five team members to deliver a presentation on the loss model for 50+ multiple management level attendeesAssisted the FP&A team on creating closing period USGAAP financial report and organized Pivot table data files Hi-C Research <i>Research Assistant</i> <ul style="list-style-type: none">Evaluate and compare the performance of various package (including FIND, DESeq2) on processing Hi-C data under different resolution and cell lineAttend poster exhibition session for undergraduate research and present on the research projectWrite the honor thesis on the research project and present to the review committee (in April, 2020) Tech Tutor <i>On-campus technology Consultant</i> <ul style="list-style-type: none">Hold consultation session with student and faculties in-person or online to help solve their personal software question, such as Microsoft product suite, Adobe products, and other web applicationsDesign a unique solution for special software requests from faculty members, such as VBA programmingAssist instructors during the regular class sessions and help students with their software set up Shiny App for Teaching Program <i>Research Assistant</i> <ul style="list-style-type: none">Develop new apps using R programming language for in-house Penn State online lecture and course materials for upper division statistical classesModify old shiny apps from previous semesters and debug the code with other team membersCreate new game modules for interactive learning and class lecturesConduct follow up surveys and write the research paper on the result of implementing Shiny app to classroom	Kansas City, MO <i>May 2019-August 2019</i> University Park, PA <i>September 2018-May 2020</i> University Park, PA <i>January 2019- May 2020</i> University Park, PA <i>May 2018- May 2020</i>
ACTIVITIES	South Residence Hall Association <i>Housing and Food Service Liaison/Sustainability officer</i> <ul style="list-style-type: none">Organize 10+ community and team building events throughout the year with average of 60+ attendeesRegularly meet with Housing and Food Service officers to improve dining conditions and menus based on student feedback and concerns, such as dietary restrictions	University Park, PA <i>August 2017-October 2018</i>
RELEVANT COURSES	<i>Multivariable Calculus</i> - Differentiation and integral in higher dimensions and triple integral <i>Time Series/ Stochastic Analysis</i> – ARIMA model and model diagnostics with forecasting and stochastic analysis <i>Concepts of Discrete Mathematics</i> - Mathematical proofs including number theory and group theory <i>Computer Science: Intermediate OOP</i> - Object-oriented programming, recursion and data structures <i>ANOVA and Regression (Statistics)</i> - Analysis of variance and linear/multi-variable regression <i>Database Management System</i> - Design, use, and application of database management systems	
SKILLS	<i>Computer and Software:</i> Advanced training and proficiency in MS Office (including Power Query, Pivot tables, and VBA programming), Power BI, Python, R, Java, basic SAS programming, Linux, Scheme language	