Soyoung Lee

135 N Craig Street, Pittsburgh, PA 15213 • (415) 806-0396 • soyounglee822@gmail.com

EDUCATION

Carnegie Mellon University | Pittsburgh, PA Expected May 2019
Master of Statistical Practice GPA: 3.79

University of California, Berkeley | Berkeley, CA Dec 2016
Bachelor of Arts, Statistics Major GPA: 3.66
Minor: Industrial Engineering and Operations Research GPA: 3.45

TECHNICAL SKILLS

Microsoft Office programs (Advanced Excel and Access), VBA, R, Python, SQL, SAS, SPSS, UNIX, HTML, XML and Tableau

PROFESSIONAL EXPERIENCE

Carnegie Mellon University | Pittsburgh, PA Aug. 2018 – Present
Teaching Assistant
- Graded 50+ homework every week and provided feedback for Probability and Random Process class

Walmart eCommerce | San Bruno, CA May 2017 – Apr. 2018
Merchandise Planner
- Created forecast parameters from past sales and different strategies to achieve financial goals for Jewelry & Watches department
- Collaborated with the marketing team to determine the allocation of marketing budget to maximize the sales around special days
- Worked with data scientists in Pricing team to build a markdown tool that predicted the sales changes from price changes

Nicolay Consulting | San Francisco, CA June 2016 – Aug. 2016
Actuarial Intern
- Minimized anomalies by consolidating data from multiple sources using features in Excel
- Forecasted employees' future salary pattern by combining the past data with potential factors using Analysis ToolPak in Excel

City College of San Francisco | San Francisco, CA Aug. 2013 – May 2014
Math Tutor
- Taught Statistics and Mathematics while stimulating students to develop mathematical insight

CS Teaching Assistant
- Applied verbal and written communication skills while helping students to improve their programming algorithms

RELEVANT PROJECTS

Sales Maximization and Inventory Management Aug. 2017 – Apr. 2018
Walmart eCommerce
- Found seasonal sales patterns from clustering apparel and directed Pricing team to implement the sales forecasting model
- Oversaw daily sales and recommend the required inventory and prices to merchants in business teams
- Discussed actionable plans to fill the gap between sales goal and actual sales in monthly group meeting with Fashion VP

Hillary Clinton Emails Classification Sep. 2016 – Dec. 2016
Modern Statistical Prediction and Machine Learning Course
- Built prediction models that can classify emails by senders using supervised and unsupervised algorithms on 3503 train emails
- Random Forest classified 89% of test emails correctly, the 2nd place in the entire class competition

Database Design Project Sep. 2016 – Dec. 2016
Industrial and Commercial Data Systems Course
- Built a Relational Database with minimum redundancy, null values and anomalies for our client, a start up juice company
- Answered questions, such as most cost effective receipt, that might create potential business profit from a prototype we built

LEADERSHIP AND EXTRACURRICULARS

Carnegie Library of Pittsburgh | Pittsburgh, PA Aug. 2018 – Present
Volunteer Korean Teacher – Korean II Weekly Free Classes
- Teach Korean in a class of 10 - 15 native English speakers while going over the difference in two cultures

Cal Actuarial League | Berkeley, CA Aug. 2014 – Dec. 2016
Treasurer and Advisor
- Helped the club grow by giving advice for issues and keeping relations with alumni
- ***Excel Workshop Presentation*** Taught 40+ members how to represent the data better using pivot tables and vlookups

Undergraduate Statistics Association | Berkeley, CA Aug. 2014 – Dec. 2016
Executive Officer
- Created an official website, interviewed potential candidates for committee chairs and expanded the budget by 300%
- ***SQL Workshop Presentation*** Launched a SQL lecture for the first time and provided hands-on experience