Yubei Liang

199 N Harvard St, Allston, MA; Mobile: 857-472-0060; E-mail: beibei16@bu.edu

EDUCATION

Boston University   *B.A., Statistics, Mathematics*   Sept.2016 — May.2020 (expected)
Cumulative GPA: 3.73/4.00
Core Courses: *Applied Statistics(A), Analysis of Variance(A), Differential Equations(A-), Discrete Math(A), Linear Algebra (A), Probability and Statistics (A), Mathematical Statistics(A), , Stochastic Methods (A-), Intro to Computer Science2(A-), Databases(A), Computer Systems(A),*
Academic Awards:
- Added to Dean's List (Spring 2017, Spring 2018, Fall 2018, Spring 2019)
- GRE Overall: 332 (Verbal Reasoning 163, Quantitative Reasoning 169)

WORK EXPERIENCE

Statistics Club   *Chairwoman*   Sept.2018 — present
- Managed events expenditure for SPLASH, general meetings, tutorials for R etc.
- Provided Python tuition to Math department club members
- Involved in new member recruitment

China Galaxy Securities   *Intern*   Jun.2018 — Aug.2018
- Conducted necessary data analysis in a range of industries (medicine, new media, energy etc.)
- Employed analytical tools in combining, analyzing and sorting data for term sheets, reports and reviews
- Produced industry reports on health care and education industries
- Sold financial products including funds, stocks, and bonds to private equity customers
- Translated negotiation correspondence for cooperation project

CSSA of Boston University   *Member*   Sept.2016 — Sept.2018
- Successfully established cooperation between Santander Bank, Sweet Kingdom, Shabu & Mein with CSSA and earned sponsorships from those companies/restaurants.
- Organized annual year-end CSSA party, Spring Festival event, and other team-building events

RESEARCH EXPERIENCE

Assistant in Building National Online Database of Cancer Patients   Aug.2019 — Sept.2019
- Collected, cleaned and sorted online patient data including causes, symptoms, survival rates and types of treatment
- Visited cancer patients at General Hospital of Chinese People's Liberation Army to understand process
- Visited deaf-mute children and played guitar for them

Prediction in Popularity of Facebook Post Usage   Fall   2018
- As 5-member team used Excel to clean data used for predicting Facebook click activity
- Conducted linear regression using R regarding multiple factors (post type, frequency, number of likes etc.)
- Analyzed different factor correlations and produced conclusions

Prediction in the Type of Offense Using SQL and Python   Spring 2019
- Developed decision tree to predict offence type by attributes (date, location, exact time etc.)

Original Composition Project   Spring 2019
- Composed piece of original music with control of rhythmic movement, supported by harmonic motion within the tonal space.

SKILLS

Computer: R, Python, Java, SQL, Microsoft Office, MuseScore
Statistics: SAS STAT, Eview, Matlab
Music Instruments: Guitar, Piano
Languages: Chinese (native), English (advanced)