

Longyue Guan

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EDUCATION

Stevens Institute of Technology, School of Business (GPA:4.0/4.0) *Expected May 2022*
Hoboken, NJ
Master of Science in Business Intelligence & Analytics
Relevant Courses: Multivariate Data Analysis, Social Network Analysis, Experimental Design II, Optimization and Process Analytics

Rutgers University-New Brunswick **May 2020**
New Brunswick, NJ
Bachelor of Science in Business Analytics and Information Technology

SKILLS

Programming: R, Python, Java, HTML, CSS, AMPL, Bootstrap, JavaScript
Data Visualization: Python, R, Tableau, Gephi
Databases: SQL
Analytical Tools: JMP, Microsoft Excel
Language: Native Mandarin, Proficient in English

WORK EXPERIENCE

Ctrip **December 2019 – February 2020**
Data Analyst Intern

- Involved in obtaining effective data from competitors through beautiful soup and then conducted comparative analysis
- Utilize SQL to find and analyze the crossover rate of Ctrip tickets and hotel users

Nielsen **October 2019 – December 2019**
Data Analyst Intern

- Analyzed Unilever's dataset on employees' performances using Microsoft Excel
- Facilitated supervisor's marketing research project by creating PowerPoint presentations
- Conducted regular document sorting, information analysis and proofread works

ACADEMIC PROJECTS

Stevens Institute of Technology, School of Business **December 2020**
Hoboken, NJ
Experimental Design on Website Loading Time | JMP

- Built an experimental design on website loading time with 4 factors
- Independently analyzed the significant factors that affect the website loading time by use fractional factorial design

Rutgers University-New Brunswick **December 2019**
New Brunswick, NJ
Creation of Blackboard and Personal CV Website | JavaScript, CSS, HTML, Bootstrap

- Familiarized with concepts such as data representation, manipulation and backend services
- Independently implemented a personal Blackboard website to show coursework
- Built a personal website to show my personal information and experience

Rutgers University-New Brunswick **May 2019**
New Brunswick, NJ
Application of Database Analyze | MySQL, Python

- Learned the principles and applications of database management systems
- Utilized terminal, MySQL and Python and created a user interface for databases

CERTIFICATIONS

- Completed Coursera Course in Excel Skills for Business: Essential; Intermediate I; Intermediate II and Advanced
- Completed Coursera Course in Visual Elements of Interface Design
- Completed Coursera Course in UX Design Fundamentals
- Completed Coursera Course in Fundamentals of Visualization with Tableau
- Completed Coursera Course in Essential Design Principles of Tableau

EXTRACURRICULAR ACTIVITIES

Business Intelligence & Analytics Club, TechMaster **August 2020 – Present**
Chinese Students & Scholars Association, Member **August 2020 – Present**
Stevens Graduate Society, Member **August 2020 – Present**