

# Longyue Guan

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## EDUCATION

<b>Stevens Institute of Technology, School of Business (GPA:4.0/4.0)</b> <i>Master of Science in Business Intelligence &amp; Analytics</i> <i>Relevant Courses:</i> Multivariate Data Analysis, Social Network Analysis, Experimental Design II, Optimization and Process Analytics	<i>Expected May 2022</i> <b>Hoboken, NJ</b>
<b>Rutgers University-New Brunswick</b> <i>Bachelor of Science in Business Analytics and Information Technology</i>	<b>May 2020</b> <b>New Brunswick, NJ</b>

## 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

<b>Ctrip</b> <b>Data Analyst Intern</b> <ul style="list-style-type: none"><li>Involved in obtaining effective data from competitors through beautiful soup and then conducted comparative analysis</li><li>Utilize SQL to find and analyze the crossover rate of Ctrip tickets and hotel users</li></ul>	<b>December 2019 – February 2020</b>
<b>Nielsen</b> <b>Data Analyst Intern</b> <ul style="list-style-type: none"><li>Analyzed Unilever's dataset on employees' performances using Microsoft Excel</li><li>Facilitated supervisor's marketing research project by creating PowerPoint presentations</li><li>Conducted regular document sorting, information analysis and proofread works</li></ul>	<b>October 2019 – December 2019</b>

## ACADEMIC PROJECTS

<b>Stevens Institute of Technology, School of Business</b> <b>Experimental Design on Website Loading Time   JMP</b> <ul style="list-style-type: none"><li>Built an experimental design on website loading time with 4 factors</li><li>Independently analyzed the significant factors that affect the website loading time by use fractional factorial design</li></ul>	<b>December 2020</b> <b>Hoboken, NJ</b>
<b>Rutgers University-New Brunswick</b> <b>Creation of Blackboard and Personal CV Website   JavaScript, CSS, HTML, Bootstrap</b> <ul style="list-style-type: none"><li>Familiarized with concepts such as data representation, manipulation and backend services</li><li>Independently implemented a personal Blackboard website to show coursework</li><li>Built a personal website to show my personal information and experience</li></ul>	<b>December 2019</b> <b>New Brunswick, NJ</b>
<b>Rutgers University-New Brunswick</b> <b>Application of Database Analyze   MySQL, Python</b> <ul style="list-style-type: none"><li>Learned the principles and applications of database management systems</li><li>Utilized terminal, MySQL and Python and created a user interface for databases</li></ul>	<b>May 2019</b> <b>New Brunswick, NJ</b>

## 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

<b>Business Intelligence &amp; Analytics Club, TechMaster</b>	<b>August 2020 – Present</b>
<b>Chinese Students &amp; Scholars Association, Member</b>	<b>August 2020 – Present</b>
<b>Stevens Graduate Society, Member</b>	<b>August 2020 – Present</b>