Ziyuan Sun

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Education

University of Michigan - Ann Arbor   September 2018 – December 2019

- Master of Science in Quantitative Finance and Risk Management

University of California, Santa Barbara   September 2014 – June 2018

- Bachelor of Science in Mathematical Science
- Bachelor of Arts in Statistical Science
- GPA: 3.71/4.0

Relevant Coursework

- Numerical Analysis
- Regression Analysis
- Python, C++, MATLAB, R
- Business Writing

- Differential Equations
- Linear Algebra
- Stochastic Process
- Probability and statistics

Relevant Professional Experience

Intern Data Analyst, Bank of China head office   Beijing, China

December 2016 - January 2017

- Studied bond market valuation strategies and rules, according to the instructions from Bloomberg terminal and Chinese bond market regulations.
- Collected data from bond market and analyzed data by using Python programs.
- Managed the dataset of recent projects to make the data more accessible.
- Summarized my analysis and displayed the result of my bond market analysis.

Intern programmer, Beijing Wisdata Technology Corporation   Beijing, China

December 2015 – January 2016

- Applied JavaScript to help the clients to maintain their company website and display their company information.
- Studied knowledges about inputting raw data and maintaining data by using C++.
- Worked with team to construct databases to manage various kinds of data from clients by writing part of program.
- Transferred raw data from client factory into graphs and tables and passed them to factory's control center.

Skills and abilities

- Skilled in working software: Word document, Excel, PowerPoint, Outlook
- Skilled in programming language: Python, C++ and R
- Captain of UCSB Chinese Student & Scholar association basketball team, 2016-2018