

Yixuan Chai

222 Columbia St. 116 Santa Cruz, CA-95060; 517-512-5163; cyx940426@gmail.com

Summary

- Energetic, result-driven analytical thinker with expertise in Data Analysis, Business Analysis, Risk Management, Data Management, Data Manipulation / Visualization, Team / Project Management.
- 3+ years Strong programming skills in R, SQL, Stata, Excel, Python, MATLAB.
- Strong communication skills and team player

Education

University of California Santa Cruz Santa Cruz, CA
Master in Applied Economics and Finance **Aug.2016 – Jun.2017**

Michigan State University East Lansing, MI
Bachelor in Environmental Economics and Policies **Jan.2012 – Dec.2015**

Work & Research Experience

Zhejiang Provincial Development Planning Institute Hangzhou, China May 2015-Aug 2015
Assistant Analyst

- Conducted Site survey and data collection process for China Zhejiang Provincial resource output evaluation and main upgrading path study project.
- Collaborated a team of 8 people for corporate data management and data visualization by Excel and R, and built linear regression to analysis.
- Organized meeting and key-deliverable.

HydroChina HuaDong Engineering Limited Feb 2016-May 2016
Research Intern

- Gathered feedback from the public willingness investigation with sample size of 60+ in ZhouShan Zhejiang Environmental Construction Evaluation Project and built a database platform.
- Analyzed the feedback, identified useful data and created variables accordingly.
- Conducted exploratory data analysis with gathered data including visualize the data and build multinomial logit to detect the correlation between variables.

Pan-China Certified Public Accountants LLP, China May 2016-Aug 2016
Assistant Auditor

- Collaborated in a team of 6 examining over 100 records, reports, claims and documents, recording and duplicating 80+ financial vouchers and loan contracts of TianDi Digital Technology Co., Ltd.
- Completed the cash-value part of audit working papers for a season based on results gathering from collaborating with cashiers to account the company's cash value in the end of each day.

Policy-Brief Project, University of California, Santa Cruz Jan 2017-Apr 2017
Report Author

- Conducted a quantitative research on the Aluminum industry and collected data of GHG emission during aluminum production process.
- Used data manipulation and visualization skills to present the trend on toxic gas emission, identified the environmental problem that needs immediate solution.
- Conducted a cost-effectiveness analysis on the cost of reducing a certain amount of PFCs, and designed a basic frame of one regarding environmental policy.