

Xueyue (Ellen) Xiao



Boston, MA |



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SKILLS

Python

- (Pandas, Numpy, Matplotlib, Scikit-learn, Selenium, etc)

SAS

- (SAS/Base, SAS/Macro, SAS/SQL, SAS/STAT, SAS/ODS, SAS/EG, SAS/Report, SAS/DS2, etc)

SQL

Tableau

Microsoft Access

Microsoft BI

EDUCATION

Boston University

M.A in Economics

- 09/2018 - 12/2019
- GPA: 3.76/4.0

Shanghai University of Finance and Economics

B.S in Economics

- 09/2014 - 06/2018
- GPA: 3.74/4.0

University of Wisconsin-Madison

Exchange Student

- 09/2016 - 05/2017
- GPA: 3.77/4.0

EXPERIENCE

Clinical Data Manager

February 2020 - Present

Worldcare Clinical, LLC

Boston, MA

- Design Data Transfer Specifications (DTS) that guide the development of Data Transfer Files (DTF) utilizing the understanding of eCRF and clinical standards (e.g. RECIST1.1) within clinical systems.
- Produce automated reports of for Executives and/or Project Managers to keep track of on-going trials and studies (SAS/SQL, SAS/Report).
- Develop programs to pull clinical trial data via system APIs and to standardize formats for all SAS users in the company, saved 4 hours per day to generate reports and transfer files.
- Create weekly metrics dashboard and monthly DTF for clients.
- Perform quality assurance review on clinical data by creating detailed validation plans, functional risks, test strategy, test cases and scripts to assure the software is performing as intended.
- Hold peer-to-peer training regularly to help new team members.
- Review and assure the quality, accuracy, and completeness of data prior to transfer to clients.

Data Analysis Intern

July 2019 – December 2019

Boston Public Health Commission

Boston, MA

- Conducted statistical analysis, including Linear Regression, Logistic Regression, Poisson Regression models in support of management teams to make decision on homeless service improvement and shelter efficiency in City of Boston (SAS primarily).
- Investigated and corrected over 4,000 clients' demographic data to improve the accuracy and completeness of homelessness databases.

Research Assistant

June 2019 – August 2019

Boston University, Department of Economics

Boston, MA

- Cleaned, merged and prepared 3,000 Korean public companies stocks price, trade date ranging over 3 years with significant event dates (Python primarily).
- Visualized pre-processed data and conducted regression analysis utilizing STATA to find relationships between stock market and significant events.
- Utilized Selenium Python library to extract desired data from over 3,000 public companies' webpages.