

## **Fengping Wang**

Wang.7903@osu.edu \* 2100 Sinton Ave Apt 11, Cincinnati, OH, 45206\* 513-680-7620

### **EDUCATION**

**The Ohio State University**

**M.S. Applied Statistics**

**North China University of Technology**

**B.S. Information and Computing Science**

**University of Michigan**

**Applied Data Science in Python Certificate (5 courses)**

**Stanford University**

**Algorithms Certificate (4 courses)**

Columbus, OH

May 2017

Beijing, China

June 2015

Aug 2017 – May 2018

Mar 2018 – Nov 2018

### **DATA ANALYSIS WORK EXPERIENCE**

**Medpace, Inc**

**Statistical Analyst II**

Cincinnati, OH, USA

2017, June – Present

- Applied advanced analytics, machine learning, and statistical techniques, such as regression, mixed model, survival analysis, clustering, classification etc., to analyze data for real-world problems, using tools like Python, SAS and SQL.
- Translated business concerns into specific analytical questions that can be answered with available data using statistical and machine learning methods; Prepared, extracted and analyzed data covering a wide range of information from user profile to various test results from large datasets; Communicated data-driven insights to senior management or clients.
- Introduced statistical methods to reduce the time/data volume needed to draw reliable conclusions, developed tools to analyze data accuracy/effectiveness, adjusted procedures for model performance evaluation, and coordinated with different functional teams to implement models and monitor outcomes.
- Lead a 4-person team to complete a project focusing on efficacy and safety issues of a new product based on 18 large crossover datasets. That includes clinical research plan preparation, statistical learning model development, analysis report generation, data and results validation and report review. This analysis report served as the key part of a comprehensive report handed to clients and FDA.
- Worked as a key member of a cross-functional 25-person team to develop a Data Monitoring System for about 14 months. The system enhances data collection and cleaning procedures and shows real-time analysis of on-going projects. It supports bad/missing data detection, abnormal data alert, data effectiveness/accuracy assessment, user-defined data filter, real-time analysis results presented by tables and graphs and data/results export. The system gives dynamic and real-time overview of on-going study, enabling subgroup analysis and quick issue detection. It reduced about 20% work load for both data management and data analytical departments after being launched.

**Yi Sheng Yi Shi Jewelry Company**

**Data Analyst**

Beijing, China

January-July 2015

- Analyzed transactional database of 6 sales regions through analytical tools such as SQL, SAS and Excel to develop timely, applicable and actionable insights weekly.
- Performed data analysis during all phases, such as targeting, monitoring and evaluation and wrote reports monthly.
- Executed cohort studies and drive analyses to understand customer behavior and identify opportunities for improving our products
- Lead a 3-person team to conduct analysis of crystal necklace, extracting and analyzing data to identify market size, growth, pricing, geographical opportunities, and competitive environment as part of a comprehensive three-year crystal decoration market forecast report.
- Acted as part of a 6-person team to do market research of new product, using 20 days to generate a report including market space, market trends, supply and demand, competitive intelligence, costs and profits and expected problems and solutions for silverwork.
- Performed in-depth analysis of on-going operations for assigned business area, identifying important trends, key risk, and opportunities for cost reduction and process improvement.
- Structured findings to effectively communicate data and insights that can be easily understood by non-technical Managers and clients.
- Completed weekly training seminars that included client consultation skills, and use of data analysis applications (SAS and SQL).

**Yue Mu Zhi Yuan Jewelry Company**

**Financial Analyst Intern**

Beijing, China

June-September 2014

- Provided a variety of financial analysis support, including sales, marketing and labor related cost analysis and profitability.
- Assisted finance team in gathering data to drive business by defining strategy, developing execution plans and measuring performance.
- Assisted in month-end closing procedures: reconciliation, journal entries and reporting, including analyzing bank statements and checking 2 kinds of bills.
- Assisted with preparation of reports, presentations and analysis designed to communicate financial data to Senior Managers and clients.

**China Computer World Publishing Service Company**

**Assistant & Translator Intern**

Beijing, China

June-September 2013

- Performed sales research and data collection to assist with author & agent meetings, sales target preparation and sales analysis.
- Performed clerical responsibilities such as answering phones, taking messages, overseeing the inflow and outflow of projects.
- Supported the office in updating and maintaining key editorial, executive, production and publishing workflow documents.
- Assisted in scheduling and taking notes at seasonal, monthly and weekly meeting and translated English articles into Chinese.

### **ADDITIONAL SKILLS**

- **Computer skills**, Python, SAS(Advanced Certification), R, SQL, Matlab, C++, Microsoft Office Software
- **Financial knowledge**, CFA Level II, good knowledge of business and finance
- **Leadership skills**, Assisted in organizing The 12<sup>th</sup> National College Students Congress in 2013  
Serve as a part-time English teacher for high school students in Si Gao Qi Training School

### **HONORS**

- 1<sup>st</sup> place in Mathematical Modeling Contest of Beijing, China
- 2<sup>nd</sup> place in Statistical Modeling Contest of Beijing, China
- Outstanding Graduate of North China University of Technology