Fei Fei Wang

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Education

Bachelor of Science in Statistics
University of British Columbia

Anticipated graduation date
May 2017

Bachelor of Science in Biology
University of British Columbia

Graduated
November 2011

Technical Skills

Database Management: SQL (Oracle SQL, Microsoft SQL Server, MySQL), PL/SQL
Data Analysis: R, SAS, Matlab, VBA Excel
Programming Languages: Python, Java, PHP

Professional Experience

Data Analyst

ZE PowerGroup Inc. | Richmond BC   **September 2016 – Present**

- Supervised learning to train time series models that will be used to predict data validation parameters
- Reduced errors in clients' data validation tool by 60% by actively applying SQL scripts to data tables
- Applied a scheduling algorithm that minimizes processor run time collisions and data collection delays
- Performed audits on data and underlying processes to improve existing data collection and monitoring methodologies
- Liaised with internal teams in providing quality client services by resolving data issues
- Technologies used: Oracle SQL, PL/SQL, R, Python

Project Data Analyst

UBC Centre for Health Services and Policy Research | Vancouver BC   **May 2015 – August 2016**

- Assisted in developing a data visualization web application (Interactive Quality Improvement Reporting Environment: InQuIRE)
- Assisted in usability testing of InQuIRE via user data analysis and user experience surveys
- Created analysis plans and analyzed Electronic Medical Records data for research projects
- Performed frequency analysis of survey data and summarized and re-organized data from Statistics Canada database
- Conducted data extraction and literature search for systematic literature review in supporting team projects
- Actively participated in the knowledge translation and exchange processes by updating research related websites
- Technologies used: R, SAS, Microsoft SQL Server, MySQL, PHP, VBA Excel

Administrative Assistant

MNP Ltd. | Surrey BC   **October 2013 – August 2014**

- Wrote VBA macros to automate parsing of repetitive worksheets and applied statistical modeling techniques to generate graphs on a large-scale electronic client database
- Technologies used: VBA Excel