

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, Tableau
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 using R
- 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 using PL/SQL
- 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

- Created analysis plans for a national Electronic Medical Records (EMR) database
- Wrote complex SQL queries to extract data from EMR and built data models using R
- Analyzed survey data using R and Tableau
- Assisted in developing and usability testing of a data visualization web application
- Summarized and re-organized data from Statistics Canada database
- Conducted data extraction and literature search for systematic literature review in supporting team projects
- Technologies used: R, SAS, Microsoft SQL Server, MySQL, PHP, VBA Excel, Tableau

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