

# 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 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
- Data cleaning of survey data using R
- 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

### 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