LEO (ZHAOCHENG) LI

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Summary

An individual who is full of curiosity, passion for data science and app development. I'm seeking challenges and personal development opportunities, and have the courage to make a difference. I am detail orientated with emphasis on data accuracy. I have professional double degrees in Math and computer science and statistics, with advanced skills in Python, R, SQL, and Microsoft Excel, also with developed experiences in web development.

Core Competencies

- Mathematical Modelling and Statistics
- Machine Learning
- Applied Regression Analysis
- Certification holder of IBM Data Science, 2019
- Computer Communications & Networks
- Quantitative and Qualitative Analysis
- Analytical researching
- Certificate Candidate of Cisco Certified Data Centre (CCNA), 2019

Skills

- Expertise in Python, R, and Python modules Numpy, SciPy, Sympy, Pandas, Matplotlib, Seaborn and Scikit-learn, Excel and database systems (Oracle SQL, MySQL)
- Proficient in HTML5, CSS3, PHP, and JavaScript
- Proficient in Adobe Illustrator
- Growing experiences in web development with JQuery, React, Vue.js, Node.js, and D3.js visualization.
- Proficient in multiple operating systems (Windows, Linux and macOS), and interactive computing environments (JupyterLab, IBM Skills Network Labs, IBM Watson Studio)

Education and Training

Bachelor of Science | University of Victoria | Victoria, Canada | 06/2019
- Major in Mathematics and Computer Science
- Major in Statistics

Volunteer Experiences

- Volunteer, Oak Bay Volunteer Service, 2017-2018
- Routine Event Volunteer, Art Gallery of Greater Victoria, 2018-2019
- Volunteer, Pacific Institute for the Mathematical Sciences (PIMS), 2018-2019

Websites, Portfolios, Profiles

- https://github.com/ZhaochengLi
- https://zhaochengli.github.io

Project Experiences

Web Developer   **09/2018 to 06/2019**

Project Based   **Victoria, Canada**

- Designed visual and graphic images to use on multiple platforms.
- Created personal websites by using HTML5/CSS3, React and Node.js for individuals who want to have platforms to present their experiences and achievements.
- Proficient in creating dynamic, interactive interfaces through using JQuery, React, Node.js and CSS3, and also to visualize analysis outcomes using D3.js.

Research Assistant   **12/2018 to 02/2019**

Simulation Group   **Victoria, Canada**

- Prepared tables, graphs, fact sheets and written reports summarizing research results.
- Proficient in machine learning technique and simulation study in R
- Applied 6 HIV genomic datasets from http://imlspenticton.uzh.ch:3838/conquer/ to compare the performance of different models, we choose Lasso, linear regression and elastic net models as our targets.
- Shared research findings through presentations.

Project Assistant   **09/2017 to 12/2017**

Athlete Statistics   **Victoria, Canada**

- Designed and constructed relational tables for 10 basic statistics for each of nearly a thousand athletes of basketball association for two seasons

Other Experiences

Store Front, 03/2019 – 05/2019

Tim Hortons, Victoria, Canada

- Provided customers with the best experiences of hospitality and genuinely customer services.
- Provided the best products by strictly following protocols and commitments to the customers.

Sales Assistant, 05/2016 – 12/2016

CNIB, Victoria, Canada

- Communicated with customers with vision problems, suggested appropriate products and answered questions for customers.
- Created and maintained sales report and users information.
- Answered questions about current promotions and resolved issues according to store policies.