

LEE, K. M.

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📍 1617 East 37th Ave, Vancouver, BC

SKILLS

Languages: SQL, Python, R, Excel

Tools: Snowflake, AWS Redshift Tableau, MS PowerBI, ggplot2, Shiny, Sisense (Periscope), Google Analytics, Gitlab, JSON

Data scraping skill: BeautifulSoup

Management tools: Jira, Confluence

EDUCATION

Seattle University - Alber's School

Master of Science: Data Analytics
Seattle, WA, 09/2020

University of British Columbia

Bachelor of Science: Genetics
Vancouver, BC, 05/2014

WEBSITE

📁 <https://kilee722.github.io/>

🔗 <https://github.com/kilee722>

👤 <https://www.linkedin.com/in/ki-min-lee-1b5b39191/>

CERTIFICATIONS

IBM Professional Data Science

Cloudera Big Data Analysis with SQL

SOCIAL ACTIVITIES

Founding member of SU Data Science Association

ACHIEVEMENT

Dean's Honor List – Seattle University

Capstone research: LendingClub Investment Analysis & Borrower's Default Rate Prediction

WORK HISTORY

BI Data Analyst

Electronic Arts - Keywords Studio

04/2021 – Present

- Ensure database integrity and develop/review script in **Gitlab** repository for database using **Snowflake, Redshift and POND**
- Write and test script for data quality assurance automation with **Python** and **SQL** in Snowflake
- Design and build database administration system for EA game titles with the development team using **Jira and Confluence**

Health Data Analyst

Seattle University – School of Nursing, Seattle WA

08/2020 – 04/2021

- Provided visualization and dashboard that describes lifestyle and diet habit influencing type II diabetes by each ethnic sub-group in California from California Health Issue Survey data and created a predictive model for type II diabetes incident by each ethnic sub-group using **Python (pandas, seaborn)**
- Found early age of diabetes onset (30s) in Filipino and Hispanic to be 4-7% higher than average. A positive correlation between BMI and onset age of diabetes. Found large difference in diabetes incidents by gender in Japanese. risk factors of diabetes to help the research team to promote public health

Research Assistant

UBC – Department of Statistics, Vancouver BC

05/2018 - 01/2019

- Simulated deep learning models in **Blang** (programming language for use of bioinformatics) and in **Python** and compared performances between two programming languages

Biological Scientist

AbCellera Biologics, Vancouver BC

05/2016 - 03/2018

- Tested/optimized PCR experiment protocol: Increased cDNA production by 10%, reduced experiment time by introducing Gibson Assembly method
- Designed and simulated protein conformation in 3D for mouse humanization to increase antibody production

Lab Research Technician

UBC-Department of Botany, Vancouver BC

08/2014 - 04/2016

- Developed Mutant cell-cryopreservation for laboratory samples: Increased post cryopreservation survival rate by 40%
- Created a database and conducted a statistical analysis for the mutant cell library using MS Excel, provided reports with visualizations and regression analysis for research publication