

James Church

DATA SCIENTIST

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PROFILE

A highly organized and self-motivated individual looking to gain practical expertise and impactful results within the Data Science field. Experienced in data mining, statistical analysis, machine learning, and data visualization. Very flexible in workflow and collaboration, as work experience encompasses areas from all walks of life.

SKILLS

- Big Data & Databases: MySQL, SQLite, AWS, Hadoop, Spark.
- Programming: Python, R, HTML, CSS, C.
- Visualization: Tableau, Matplotlib, Seaborn, Plotly.
- Statistics / Machine Learning: Hypothesis Testing, A/B tests, Parametric & non-Parametric tests, Scikit-learn, Regression analysis, Pytorch, NLP, RNNs.

EXPERIENCE

Personal Trainer | Studeo

SEP 2021 - APR 2023, VANCOUVER, BC

- Applied multiple research backed programs to provide health education, wellness, and fitness program development to clients.
- Maintained databases detailing fitness regimens, and records in newly-implemented systems to keep client information current.
- Communicated weekly with 20+ private and semi-private clients to determine goals and perform assessments.

Assistant Language Teacher | JET Programme

AUG 2018 - 2021, VANCOUVER, BC

- Cultivated a collaborative and innovative teaching environment to allow 6 English teacher's input on how to best meet the needs of 200+ students.
- Developed and updated lesson curricula weekly to improve subject coverage. Including transferring past teaching resources from a physical based storage to a secured and more streamlined computer storage.

EDUCATION

BrainStation | Diploma, Data Science

MAY 2023 - AUG 2023, VANCOUVER, BC

Harvard University | Certificate , Intro to Computer Science

University of Helsinki | Accredited , Data Analysis With Python

Simon Fraser University | Bachelors of Science in Kinesiology

SEP 2014 - APR 2018, VANCOUVER, BC

- Volunteered in the Global Community Mentorship Program as a Team Leader (2017-2018).

PROJECTS

Solo Project | Housing Machine Learning Competition

APR 2023

- Trained a random forest model to best predict the price of residential homes in Ames, Iowa. Optimized the model using feature analysis of 79 explanatory variables.

Solo Dev | Online Workout Tracker

DEC 2022, CS50

- Created a simple website to track and edit workouts, collecting all data in an SQL database. Programs and libraries included Python, Flask, and jQuery.