

Rahim Kaba

DATA SCIENTIST

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PROFILE

I am pivoting from a career in cancer genetics to data science. Leveraging my background in molecular genetics to offer a unique perspective to data analysis and interpretation. My meticulous approach, problem-solving ability, and curiosity are key to providing insightful solutions. My dedication to education and clear communication is reflected by my passion for instructing. I look forward to applying my diverse skill set to foster innovative ideas through data-driven strategies.

SKILLS

Programming Languages

Python	R
SQL	NumPy
Pandas	SciPy

Machine Learning Libraries

Scikit Learn	Keras
TensorFlow	PyTorch
XGBoost	NLTK

Big Data/Cloud Computing

AWS	Hadoop
Spark	Hive

Data Visualization

Matplotlib	Seaborn
Plotly	Tableau
Bokeh	

Statistical Testing

ANOVA	A/B Tests
Chi-Squared	T-tests
Correlation	Regression

EXPERIENCE

CSMLS Genetics Diagnostic Technologist | BC Cancer

JUL 2016 - SEPT 2023, VANCOUVER, BC

- Conducted wet lab experiments and analyzed data for intricate molecular and cytogenetic genetic testing, yielding valuable insights, while working in a multidisciplinary team of technologists, scientists and pathologists.
- Applied analytical and problem-solving expertise to identify genetic aberrations in challenging cancer contexts, contributing to enhanced diagnostic precision.
- Trained new staff members to ensure a seamless onboarding experience.

Training Manager | UBC Aqua Society

NOV 2012 - MAR 2023, VANCOUVER, BC

- Guided and trained new instructors, fostering their professional growth and development. Ultimately managing up to 10 dive professionals.
- Devised innovative approaches for course development, safety training, and recruitment, resulting in improved program quality.
- Facilitated effective communication between management and instructors, addressing concerns proactively and collecting valuable feedback.
- Instructed over 700 divers of all skill levels in scuba diving, imparting essential knowledge and skills for underwater exploration.

EDUCATION

BrainStation | Diploma, Data Science

SEP 2023 - DEC 2023, VANCOUVER, BC

BCIT | Advanced Diploma, Clinical Genetics Technology

SEP 2014 - OCT 2015, VANCOUVER, BC

Graduated with Honours | Academic Graduating Award for Top Mark in Discipline

UBC | BSc. Biology - Cell Biology and Genetics

SEP 2009 - APR 2013, VANCOUVER, BC

Graduated with Honours

PROJECTS

Data Scientist | Industry Hackathon Project

NOV 2023, BrainStation X Shopify Industry Challenge

- Collaborated in a multidisciplinary team with Web Developers and UX Designers and presented a solution using Machine Learning for entrepreneurs to better access the Shopify Ecosystem

Data Scientist | weCAN: Cancer Survivability Predictor

OCT 2023 - DEC 2023, BrainStation Capstone Project

- Implemented a Machine Learning model to use patient demographics, specific tumour details and disease progression to predict cancer survivability / prognosis.