

RISHAB GUPTA

DATA SCIENTIST

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SKILLS

Python, R, SQL, Tableau, Plotly, Matplotlib, Numpy, Pandas, Scikit-learn, Supervised & Unsupervised Machine Learning, NLP, Hadoop, Spark, Hive

PROFILE

Modern world data is more mess than information and requires the right questions to generate meaningful conclusions. As a practiced researcher in the field of medicine, I have always been passionate about serving the community with purposeful applications of real-world data. I am an experienced communicator, capable team leader and now, as a BrainStation graduate, I am also a knowledgeable Data Scientist prepared to excel in the field of data analytics.

EXPERIENCES

Laboratory Research Assistant | ICORD – The Blusson Spinal Cord Centre

May 2017 – Mar 2020, Vancouver, BC

- Assisted the design, development and execution of a pivotal biomarker research project in spinal cord injury, resulting in a rare opportunity to co-author the published manuscript
- Supported numerous research endeavors using an animal pig model of spinal cord injury, helping analyze data from over 70 animals and preparing figures that will be highlighted in 5 upcoming publications

Volunteer Biochemistry Representative | Biochemistry, Pharmacology, Physiology Club of UBC

May 2017 – Aug 2019, Vancouver, BC

- Established an executive team and built an engaging student society that recognized and supported the under-represented Biochem faculty

Volunteer Crisis Services Responder | Vancouver Crisis Centre

Jan 2018 – Present, Vancouver, BC

- Collaboratively supported vulnerable high-risk community members towards better mental wellness by providing emotional and empathetic support

Volunteer Museum Educator | Beaty Biodiversity Museum

Oct 2016 – Present, Vancouver, BC

- Educated and entertained guests by engaging in conversations and personalizing their museum visits via hands-on activities and games

EDUCATION

BrainStation | Diploma Candidate, Data Science

Aug 2020 - Oct 2020, Vancouver, BC

University of British Columbia | Bachelor's in Science, Biochemistry

Sep 2014 - May 2019, Vancouver, BC

With Distinction Graduation Credentials, Dean's Honour List, James Hoffa Memorial Scholarship, NSERC Undergraduate Research Award

PROJECTS

MiRNA Biomarkers in Human Spinal Cord Injury | Research Assistant

May 2017 – May 2018, ICORD – The Blusson Spinal Cord Centre

- An objective approach to diagnose spinal injury severity and predict recovery without the need for awake and responsive patients

Psychic Predictions – Retail Sales Focasting | Project Leader

BrainStation

- A time-series based retail sales forecasting system using machine learning techniques