Gurmol Singh

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PROFESSIONAL SUMMARY

Aspiring Data analyst with 2 years of experience currently developing my skills in SQL, Python via Kaggle, Datacamp and Hackerrank. I am interested in all kinds of data ranging from healthcare to the energy sector.

EDUCATION

SAIT, *Calgary, AB*   April 2022-August 2022
Diploma: Data Analytics   GPA: 4.0 / 4.0
Relevant Coursework: Intro Business Analytics, Intro To Python, Emerging Digital Technologies, Microsoft Azure Fundamentals, Microsoft Data Fundamentals, Microsoft SQL Queries, Ms Excel Power Query and Power Pivot, Analyzing Data with PowerBI, Data Analytics Capstone, Foundations in Applied Machine Learning

Alberta Machine Intelligence Institute, *Calgary, AB*   December 2021-March 2022
Machine Learning Technician I
Relevant Coursework: Feature Scaling, k-NN, Decision Trees, Linear Regression, Lasso/Ridge Regression, Loss and Regularizors

Npower, *Calgary, AB*   May 2021-August 2021
IBM Data Analyst Professional Certificate, Microsoft Azure Fundamentals, Microsoft AI Fundamentals, Microsoft Data Fundamentals, Google Project Management Certificate

University of Calgary   September 2015-June 2020
Degree: Bachelor of Science in Biological Sciences   GPA: 3.0/4
Relevant Coursework: Introduction to Statistics I/II, Quantitative Biology I, Introduction to Python Programming, Linear Methods I, University Calculus I

WORK EXPERIENCE

Cybera Inc, Calgary, AB (REMOTE)   October 2022 – Present
Applied Data Science Lab (ADSL) Intern - Computer Vision (Full time)
- Developing computer vision models to calculate distance among objects and conduct object detection
- Working with product manager of client to effectively meet outcomes for object tracking and geometric calculations
- Creating jupyter notebooks for testing and developing frameworks to derive insights from public office datasets
  Advanced Tech Stack: Python, Debug, and Maintenance, Docker, JupyterLab,

Makerkids Leaside, Toronto, ON (REMOTE)   September 2021– Present
Technical Instructor (Seasonal)
- Teach MakerKids programming – including Robotics, Coding and Minecraft
- Teach curriculum on microsoft makecode for python, javascript, and html
- Teaching on Tinkercad and about physical hardware like arduino, raspberry PI, microbit
  Advanced Tech Stack: Python, Javascript, HTML, Block based programming, Debug, and Maintenance

Motionhall Inc, Vancouver, BC (REMOTE)   December 2021 – March 2021
Scientific Analyst
- Studying and reviewing the mechanisms of action and scientific specifics of new medical innovations being developed by biotech companies around the globe
- Considering medical innovations in the context of biotech and pharmaceutical companies who can partner, to continue the development/distribution these innovations
- Excel VBA analysis and spreadsheet processing/cleaning to be submitted to front end while working and communicating in a remote-first, software-driven environment
  Advanced Tech Stack: Algorithms, Excel, Python, Github

Longview Systems Inc, Calgary, AB (REMOTE)   August 2021 - December 2021
Systems Consultant
- Provide fully documented customer issues in a ticket management system, analyze the customer's symptoms, determine the customer's urgency, and where possible provide resolution to the customer's issue
- Dispatch an incident to the appropriate Level 2 support group when first call resolution is not possible and manage the incident through its lifecycle
- Weekly documentation of any technical challenges encountered to be logged in Long View's Technical Issues database

PROJECTS

Regression Model|SAIT Braintoy Course**|** (*Skills: Python, machine learning*) - Report
- Developed extra trees, random forest, decision tree regressors to predict the amount of weekly sales from 45 Walmart stores from the years of 2010, 2011, 2012.

Classification Model|SAIT Braintoy Course**|** (*Skills: Python, machine learning*) - Report

- Developed extra trees, random forest, logistic regression and linear SVC classifiers to predict whether a patient will receive inpatient vs outpatient care for a private Hospital in Indonesia.

NeuroJournal (*Skills: Python, pyqt5, sklearn, streamlit, sklearn, Spacy, pandas*) - [GitHub](#)
- Journal to write on stress that uses Natural language processing to detect the words and chatbot to support the user

Anooka Health|*SAIT Capstone* (*Skills: PowerBI, python, streamlit, Spacy*) - [Client Presentation](#)
- Developed PowerBI dashboard, streamlit dashboard and a powerpoint detailing deliverables.

Driver Health Hub|Innovation 4 Health Competition (*Skills: Python, machine learning*) - [Website](#)
- Our inexpensive driving app helps reduce the number of pre-existing medical condition related automobile accidents and fatalities by monitoring driver health and assists in contacting medical responders in emergencies.

AWARDS AND HONORS

- Innovation 4 Health **1st place** Wearables - [Link](#)   2022
- NeurAlbertaTech Hacks **2nd place** Rehabilitation - [Link](#)   2021
- Ethical Development Hackathon **1st place -** [Link](#)   2020

TECH SKILLS

Programming:	Python (NumPy, Pandas, Scikit-learn, Matplotlib), R Programming, SQL, Javascript, HTML
Data Science:	Tensorflow, Keras, Algorithms, NLTK, Git
Business Analytics:	ETL, Databases, Business Intelligence, Data Gathering, Analysis, Data Visualization, MySQL
Cloud Technologies:	Google Cloud (GCP), Microsoft Azure, IBM Cloud
Other Tools:	Agile, Scrum, Waterfall, Kanban, Trello, Gantt Charts, Asana

SOFT SKILLS

Problem Solving, Communication, Critical Analysis, Cross Team Collaboration