

Musa Rasheed Chemical and Biological Engineering Student

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/in/musarasheed

TECHNICAL SKILLS

Data Science

- Matplotlib, Pandas, NumPy
- Tableau Software
- MySQL
- Recommendation Systems
- Natural Language Processing
- Hadoop, AWS, PySpark
- Neural Networks
- Time Series Analysis
- C and Python Programming
- Git and Github

Engineering

- Calculus
- Linear Algebra
- Microsoft Office
- Arduino
- Mechanics
- Thermodynamics
- Bilingual Proficiency in French

Lab Work

- Pipetting
- Titrations
- Calorimetry
- Electroplating
- Sensors, Transmitters

EDUCATION

University of British Columbia
Bachelor of Applied Science – Chemical and Biological Engineering

May, 2024

TECHNICAL PROJECTS

Bike Share Analysis, BIXI Bikes (Public Dataset)

June, 2020 – June, 2020

- Performed rudimentary data analysis on public dataset
- Created visualizations and dashboards using Tableau Software

Natural Language Processing, UK Hotel reviews (Public Dataset)

July 2020 – September 2020

- Predicted star rating based on hotel reviews using public dataset
- Used tools such as:
 - dimensionality reduction
 - KNN
 - Hyperparameter Optimization
- Model achieved 75% accuracy

VOLUNTEER EXPERIENCE

Pitstop Arabia, Dubai, Unites Arab Emirates

July, 2020 – September, 2020

Volunteer Data Analyst

- Analyzed sales data for the Pitstop Arabia company in Dubai.
- Used Time series models to predict demand of tires and their brands at their partner locations

Pitstop Arabia, Dubai, Unites Arab Emirates

July, 2020 – September, 2020

Volunteer Data Analyst

- Analyzed sales data for the Pitstop Arabia company in Dubai.
- Used Time series models to predict demand of tires and their brands at their partner locations

Habitat for Humanity, Phom Penh, Cambodia

February 2018

Volunteer Construction Worker

- Mixed Concrete and layered it onto the stairs of the house
- Shaved and hammered Bamboo as flooring
- Installed the Walls and windows on the structure

AWARDS

IB Diploma

2019

PROFESSIONAL AFFILIATIONS

UBC Undergraduate Society

2019 – Present

INTERESTS & ACTIVITIES

- **Swimming, Hiking, Biking, Rock Climbing**
- **Badminton, Table Tennis**
- **Programming, Data Science**
- **Math, Physics**
- **Chess (Beginner)**