FYSAL BEAUFERRIS

Canadian Citizen | Calgary, AB, Canada | 587-888-6755 | fysalb@hotmail.com
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PROFESSIONAL SUMMARY

Computer Science graduate with a strong foundation in predictive modeling, data visualization, and scalable analytics, with entrepreneurial experience building tech solutions.

EDUCATION

BSc In Computer Science, Minor in Data Science - University of Calgary | 2018-2024
Honors: Jason Lang Scholarship | 2020

TECHNICAL SKILLS

Data Analysis and Visualization**: PySpark, Machine Learning, R, Stata, Tableau, Excel, Power BI, Microsoft Azure**
Programming: **Python, Git**
Databases and Tools: **SQL, Relational Models, Figma**
Relevant Coursework: **Data Science Capstone, Computational Statistics, Algorithms, Large-Scale Analytics**

WORK EXPERIENCE

NuTab Digital Inc. | nutab.ca | Co-Founder
Calgary, AB | December 2024 – Present

- Faced with operational inefficiencies and low online visibility, I developed custom software/UI solutions and executed data-driven SEO strategies, resulting in improved client engagement and increased customer reach.
- Confronted with misaligned business functions, I led strategic planning and managed development, design, and marketing operations to integrate innovative solutions that aligned with business goals.

PROJECTS

Scalable Data Analytics Project: Predicting NYC Taxi Trip Times
January 2024 | Technologies: Apache Spark, Python

- Tasked with predicting NYC taxi trip times, I cleaned and analyzed a 1.4M record dataset, built a linear regression model in Apache Spark, and reduced RMSE from 440s to 258s—demonstrating scalable, real-world impact.

Research Paper - Debt as a Socioeconomic Determinant of Cancer Incidence
April 2023 | Technologies: R Studio, Excel

- Tasked with exploring debt's impact on cancer incidence, I used regression analysis and scatterplot visualization to uncover key correlations and recession-era trends—providing novel insights into how socioeconomic stressors affect cancer rates.

Machine Learning Research Project - Sarcasm Detection in Social Media Texts
April 2023 | Technologies: Python

- Tasked with enhancing sarcasm detection, I preprocessed the SARC dataset with advanced techniques, developed a hybrid model using SVC and Random Forest, and automated detection in Python—resulting in improved accuracy for sentiment analysis.

CERTIFICATIONS

- LinkedIn Learning: **Data Science Foundations** | Aug 2023
- LinkedIn Learning: **Data Engineering Foundations** | Aug 2023
- Microsoft: **Career Essentials in Data Analysis** | Sept 2023
- Codecademy: **Learn SQL Course** | Sept 2023

VOLUNTEERING

YYC DataCon 2024 | Volunteer

- Tasked with supporting event success at YYC DataCon 2024, I recorded and reported attendee numbers for speaking events, enabling data-driven planning and improved event metrics.

ADSS - University of Calgary Actuarial & Data Science Society | Junior Executive
Calgary, AB | Fall 2023

- Tasked with enhancing ADSS's digital presence, I updated the website, designed promotional materials, and researched strategic improvements—resulting in a more engaging and functional online experience.