**Alejo Alegre Bustos**

+1 208 479 5223 | [ale21020@byui.edu](mailto:ale21020@byui.edu) | [https://www.linkedin.com/in/alejo‑alegre‑bustos‑b03395174/](https://www.linkedin.com/in/alejo-alegre-bustos-b03395174/)

**Summary**

Data Science student passionate about machine learning, data analysis. and automation. Our continuous learning and dedication unlock true potential

**Education**

Bachelor's Degree in Data Science September 2021 - December 2026

*Brigham Young University - Idaho* Rexburg, Idaho

* Minor in Computer Science
* Certificate in Machine Learning
* Convolutional Neural Network: Image classification of agricultural pests using custom dataset (92% accuracy)
* Neural Network: Prediction of student performance based on socio-academic data
* XGBoost: Credit risk assessment with feature importance via SHAP and hyperparameter optimization
* Recurrent Neural Network: Next-word prediction model trained on Friends TV show transcripts

**Work Experience**

Associate 2 January 2023 - February 2024

*The Church of Jesus Christ of Latter-day Saints* Buenos Aires, Argentina

* Pursued initiatives to streamline and improve treasury operations, it include automating financial reporting processes, developing of models to prevent errors, and creating macros and bots to enhance operational efficiency
* Performed data analysis to improve decision-making speed by replacing 1-hour report preparation with a live dashboard, while creating interactive financial dashboards accessed by users across all departments
* Experienced in various tools and languages, including Power BI, VBA, Python, JavaScript, and low-code platforms such as Power Automate
* Provided a daily summary of completed tasks to superior, organized by priority level and overall impact

Associate November 2021 - January 2023

*PWC - Argentina* Buenos Aires, Argentina

* Specialized in programming with VBA, Python, Google Apps Script, JavaScript, and low-code platforms such as UiPath
* Focused on process automation and data analysis, from simple data collection macros to complex bot development projects
* Performed data analysis and visualization using Microsoft Power BI, applying Extract, Transform, Load (ETL) best practices
* Designed and implemented a policy recognition and decoding model using Python, Tesseract, and OCR, enabling automated extraction and processing of key information from scanned and digital documents
* Provided a daily summary of completed tasks, to superior and client, organized by priority level and overall impact

**Technical Skills**

* Programming & Scripting: Python, SQL, VBA, DAX, HTML, CSS, UNIX Shell, Google Apps Script
* Data Analysis & Visualization
* Pandas, NumPy, scikit-learn, Matplotlib, Seaborn, ggplot, Power BI, Tableau (calculated fields, LODs), XlsxWriter, Openpyxl
* Machine Learning & Deep Learning
* scikit-learn, XGBoost, Keras, CNNs, RNNs, Neural Networks, Tesseract, OCR
* Power Automate, UiPath, Selenium, pyautogui, os, re
* Document & Text Processing
* pdfplumber, Tesseract OCR, re
* Git, GitHub