Alexander Lacson

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Summary

Looking for a role in a Data Analytics or Data Science Department. Considers himself a strategic and analytical person. Prefers to make decisions that are informed by data.

Technical Skills

Programming and Markup Languages : Python | SQL | Markdown

Python Libraries : Pandas | Matplotlib | Seaborn | Plotly | scikit-learn | Natural Language Toolkit | SciPy | NumPy | Beautiful Soup | Requests

Data-related Skills : Importing Data from Various Sources | Interacting with REST APIs | Data Cleaning and Wrangling | Exploratory Data Analysis | Interactive and Static Data Visualization | Machine Learning

Software Tools and Platforms : Git and GitHub | Tableau Public | Visual Studio Code | Anaconda | Jupyter

Work Experience

January 2019 - November 2020 | **Chrysos Aquaculture** | Manager

- Presented financial reports to upper management such as showing the current sources of expenditure, forecasting future expenses, and price comparison from different suppliers.
- Procured hardware, equipment, and material from local and online suppliers.
- Reviewed and approved weekly budget requests before they were sent to upper management.
- Involved in laying off an entire team of people. Ensured transparency with employees about the reasons and ensured that advance notice and severance pay was given.
- Introduced the Trello app as a management tool to the staff under me so that I could manage assigned tasks through the app and give everyone a sense of how each other was doing in terms of work and backlog.
- Taught bookkeeping staff how to use GitHub Desktop so that they could collaborate, backup, and apply version control on their files and documents. They were very grateful that it detected merge conflicts!
- Held Town Hall Meetings to communicate company news to employees and to hear out employee concerns. Responded to and followed up on the concerns being raised.

June 2017 - December 2018 | **Maxim Integrated** | Test Product Engineer

- Debugged and maintained semiconductor product test programs/code that were already deployed in production. They were written in Visual Basic and C++.
- Analyzed, and presented data for an A/B test comparing two different materials of a Test Platform component to see whether it reduced damage to products induced during testing.
- Identified a product which had a consistent history of passing certain tests. Used data of present and past performance to show that removing those particular tests from the test process would not result in a negative impact on quality. Implemented and committed the reduction of the tests from the test program.
- Underwent in-house training on the basic concepts of Six Sigma DMAIC, and other problem-solving methodologies such as 8D and 3x5 Why.

Selected Project Highlights

- Authored a Medium Article called "Make Others Want to Work with Your Code" that was selected for further distribution by Medium's curators which still gets views and shares every week.
- Explored and analyzed with machine learning data the online dating platform OKCupid as a portfolio project while going through courses on Codecademy. Machine learning algorithms showed that decsribing one's body as curvy was a predictor that a user was female. A blog article discusses the entire project.

Informal Education

- Codecademy Computer Science Career Path | August 2020 - November 2020
- Codecademy Data Scientist Career Path | November 2020 - June 2021
- Kaggle 30 days of Machine Learning | August 2021 - September 2021
- Self-learning from online articles, videos, and projects | September 2021 - Present

Formal Education

- University of St. La Salle | Bachelor's Degree in Electronics Engineering | 2013 - 2016
- Technological University of the Philippines | Electronics Engineering Technology | 2009 - 2012

Additional Accomplishments

- Topped the Philippines Electronics Technician (ECT) Licensure Exam April 2017
- Finished the ten speeches Competent Communicator Path of Toastmasters International

Fun Fact: This resume was written by me in Markdown and then stylized with HTML/CSS