JONAS EMMANUEL BACAREZA
DATA SCIENTIST

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SUMMARY

A results-oriented data scientist with a passion for crafting meaningful stories and insights. Extensive experience in data wrangling, visualization, building machine learning pipelines for classification & regression problems. Process-driven, detail-oriented, meticulous, and always hungry to learn new tools and algorithms. Recently earned a diploma in Data Science with hands-on experience in Scikit-learn, Keras, TensorFlow, & PyTorch.

SKILLS

DATA VISUALIZATION: Matplotlib, Seaborn, Plotly, Tableau
WEB SCRAPING: JSON, XML, HTML, BeutifulSoup
MACHINE LEARNING: Data Preprocessing, Feature Engineering, Classification and Regression Models, Pandas, NumPy, Scikit-Learn, Keras, TensorFlow, PyTorch, Ensembling Techniques
NLP: Sentiment Analysis, Topic Modeling, NLTK, SpaCy, Gensim
BIG DATA & CLOUD COMPUTING: Apache Spark, PySpark, Docker, AWS, NoSQL, RESTful API
PROGRAMMING: Python, SQL, R, Jupyter Notebooks, VSCode, Anaconda, RStudio

PROJECTS

Sentiment Classifier for Movie Reviews   Feb. 2022 – Feb. 2022
A binary classification model for movie review sentiment with a LSTM architecture.
Tools: Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, Keras
Algorithm: GloVe Vectorization, Deep Learning (Long Short-Term Memory Architecture)
Dataset: Obtained from Kaggle, which contains more than 1M movie reviews for over 17,000 movies.

Flight Delay Prediction   Jan. 2022 – Jan. 2022
A group project involving a regression problem on predicting the arrival delays of commercial flights.
Tools: Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn
Algorithm: Gradient Boosting, XGBoost
Dataset: The Postgres database involved 4 tables with the main flights table composing almost 16M observations.

EDUCATION

Lighthouse Labs   2022
Diploma in Data Science

University of San Carlos   2010
BS Applied Physics

EXPERIENCE

Gym Lead Machine, *Marketing Automation Support*   Apr. 2020 – Nov. 2021
- Set up over 275 HighLevel marketing automation campaigns for the company's clients
- Built new client accounts in the Gym Lead Machine Go High Level Agency account
- Managed mass updates and fixes on campaigns for all 400+ clients within the HighLevel platform
- Assisted the Gym Lead Machine customer support team with Go High Level client account support issues and client edit requests

Freelance Work with Various Clients, *Virtual / Admin / Executive Assistant*,   July 2014 – Aug.
(worked remotely from the Philippines)   2021
- Boosted incoming web traffic through on-page SEO, market & keyword research, Google Analytics
- Administered websites and social media pages for small business owners
- Managed email marketing, sales funnels and marketing automation campaigns
- Converted leads to sales through writing copies that sell

Accenture, *Business Analyst / Content Web Developer / Site Manager*,
Cebu City, Philippines   July 2010 – July 2014
- Liaised with content owners (internal clients) for specifications on web page creation/edits then translated them to functional and business requirements
- Handled and managed a team of 3 to 5 content developers to apply/execute edits into the website and ensured deadlines were being met by tracking the schedules and statuses of the work effort
- Led and facilitated weekly status calls with the team and provided metrics such as website page production numbers, and email performance