Betran Gustama

Data Scientist / Data Engineer

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Summary

Recent Computer Science graduate with a Bachelor's degree and one year of hands-on experience in entry-level Data Science and Data Engineering roles. Passionate about AI and Machine Learning, with a strong foundation in data analysis, model development, and pipeline optimization. Eager to leverage my skills and enthusiasm to contribute to innovative projects and drive technological advancements in a dynamic team environment.

Work Experiences

Data Scientist at Limas Inti Makmur
January 2022 - Present
- Performing ETL from various data sources like emails, invoices, inventory records, etc. Creating a pipeline for the data to be inputted into company database. In addition, visualizing the data into interactive charts with excel.
- Tech used: MariaDB, VBA for excel, Pentaho, Navicat 16

Digital Marketing Manager at Limas Inti Makmur
June 2021 - January 2022
- Digital marketing Manager.
- Managing the digital marketing department. Creating upload schedule, learning analytics, and creating strategy for digital marketing.

Digital Marketing at Limas Farms
May 2020 - June 2021
- Digital marketing staff.
- Copywriting, creating instagram posts images and reel videos weekly for the company.

Shopkeeper at Alexander Photostudio
November 2019 - January 2020
- Serving customer by taking pictures, editing with photoshop, and managing photo studio's inventories and supplies

Freelance Graphic Design at Fiverr
May 2018 - August 2019
- Freelancer as vector graphic designs at Fiverr.com using Adobe Photoshop and Adobe Illustrator.

Projects

Automation of The Invoicing Process
Limas Inti Makmur

March 2023 - March 2023
- Automating the invoicing process for the sales department from manual input into a single click lookup macro with VBA.

Training 12 Convolutional Neural Networks for image classification
Universitas Buddhi Dharma
August 2023 - December 2023
- Training 12 separate Convolutional Neural Network models using Tensorflow for goldfish breed classification and evaluating their performance on image classification as thesis project.

Building ETL pipeline
Limas Inti Makmur
February 2022 - February 2022
- Developing an ETL pipeline with Pentaho to automate data entry into the RDBMS.

RDBMS development
Limas Inti Makmur
January 2022 - February 2022
- Developing a relational database management system for Limas Inti Makmur and maintaining it routinely.

Digitalization of The Sales Record
Limas Inti Makmur
July 2021 - August 2021
- Digitizing the archive of export and sales invoices from 2017 to 2021 using a combination of ETL and OCR.

Educations

Universitas Buddhi Dharma
Computer Science/Bachelor of Science in Computer Science
2024 - GPA: 3.83

SMK Dharma Widya
Multimedia/Animation/Special Effects
2020 - Grade: 83.69

Certifications

Backend web development bootcamp
Universitas Buddhi Dharma, July 2023

Machine Learning Certification
Programming Hub, September 2023

Common European Framework of Reference for Languages (CEFR)
British Council, January 2024

Frontend web development bootcamp
Universitas Buddhi Dharma, July 2023

Python 3 Certification
Programming Hub, August 2024

Courses

Machine Learning Course
Programming Hub, September 2023 - September 2023
- Understanding the concept behind machine learning and artificial intelligence.

Frontend web development bootcamp
Universitas Buddhi Dharma, June 2023 - July 2023
- Understanding front end programming with HTML, CSS, and Javascript.

Backend web development bootcamp
Universitas Buddhi Dharma, June 2023 - July 2023
- Understanding backend development using vanilla PHP and using MariaDB as database.

Python 3 Course
Programming Hub, August 2024 - August 2024
- Understanding the basic of Python and its syntax

Skills

Web programming
PHP, RESTful API, Back End (Software Engineering), Front End (Software Engineering), Git (Version Control System), HyperText Markup Language (HTML), Cascading Style Sheets (CSS), Adobe Dreamweaver

Design and Animation
Adobe Photoshop, Adobe Illustrator, Adobe After Effects, Adobe Premiere Pro, Motion Graphics, Video Editing, Photo Editing, Clip Studio Paint, Digital Illustration, Adobe Animate

Machine Learning
TensorFlow, Scikit-Learn, Deep Learning, Convolutional Neural Networks (CNN), ResNet, ML.NET, Keras (Neural Network Library), Pandas, OpenCV

English proficiency
English Language, English as a Second Language (ESL), Common European Framework of Reference for Languages (CEFR)

Data science
Python (Programming Language), Pentaho, NumPy, MariaDB, MySQL, SQLite, Navicat, Visual Basic for Applications (VBA)