Stanley Armando Austen

Data Scientist / Data Analyst
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SUMMARY

Data enthusiast and problem solver with hands-on experience in machine learning, data preprocessing, and exploratory data analysis, gained through Hacktiv8 Data Science bootcamp. Skilled at exploring data patterns and building predictive models to support data-driven business strategies. Eager to contribute in dynamic teams, while continuously expanding both technical and business understanding.

EDUCATION

Hacktiv8 Bootcamp — **Jakarta, Indonesia**
Data Science Program. Score: 88.51% (Transcript) — *03/2025 - 06/2025*

Bina Nusantara University — **Jakarta, Indonesia**
Computer Science - Artificial Intelligence — *2019 – 2024*

SKILLS

General Skills: *Exploratory Data Analysis, Feature Engineering, Machine Learning, Deep Learning.*
Programming Language: *Python, SQL.*
Visualization Tools: *Tableau, Kibana.*
Libraries / Framework: *TensorFlow, Scikit-learn, Streamlit, Pandas, Numpy, Matplotlib, Plotly, Seaborn, Scipy, Feature-Engine.*
Tools: *Docker, PostgreSQL, MySQL, Git, Apache Airflow, Elasticsearch.*
Techniques: *NLP, Computer Vision, Time Series Analysis, Forecasting, ETL, Hyperparameter-Tuning, Deployment.*
Modeling Algorithms: *Regression, Random Forest, Decision Trees, Convolutional Neural Networks, Clustering,* and *Dimensionality Reduction, Sarimax.*
Language: Bahasa Indonesia (native), English (intermediate).

PROJECTS

CrediSense [Deploy] — *June 2025*
Project Description: Developed a full machine learning pipeline to predict credit limits for banking customers, from data preprocessing and feature engineering to model training and deployment. The project supports data-driven decision-making in credit risk management. Achieved a high R^2 score of 0.99 using Lasso Regression after hyperparameter tuning.
Technology / Tools: Python, Pandas, NumPy, Seaborn, Matplotlib, Scikit-Learn, Keras, Regression, Clustering, Hyperparameter-Tuning, Model Deployment.

Customer Segmentation and Sales Insights for an Online Retail Store [Deploy] — *June 2025*
Project Description: Built a predictive model using a Decision Tree algorithm to estimate customers' online spending and segmented them based on predicted values. Achieved a Mean Absolute Error (MAE) of 260, enabling the marketing team to effectively target high-potential online shoppers with personalized promotions and discounts.
Technology / Tools: Python, Pandas, NumPy, Seaborn, Matplotlib, Scikit-Learn, Keras, Regression, Decision Tree, Random Forest, Hyperparameter-Tuning, Model Deployment.

Astoria Sales Analytics [Deploy] *April 2025*
Project Description: Conducted an in-depth analysis of sales performance and product segmentation to identify top-performing categories and understand customer purchasing behaviour. Developed interactive dashboards in Tableau to support strategic, data-driven business decisions and growth initiatives.
Technology / Tools: Python, Pandas, NumPy, Plotly, Matplotlib, Tableau.

Implementation of CNN Algorithm for Face-Skin Diseases Classification *February 2024*
Project Description: Create a website application to detect and identify face-skin diseases.
Technology / Tools: Python, Pandas, NumPy, Seaborn, Matplotlib, Scikit-Learn, TensorFlow, Keras, Convolutional Neural Network.

Fake Faces Detection [Deploy] *June 2025*
Project Description: Developed a predictive model to classify real vs. artificially generated human faces, focusing on deepfakes created with StyleGAN2. Leveraged a pretrained ResNet-50 model and achieved a recall score of 0.99 on the fake face class after tuning. This project supports AI-driven image verification and digital media authenticity.
Technology / Tools: Python, Pandas, NumPy, Seaborn, Matplotlib, Scikit-Learn, TensorFlow, Keras, Convolutional Neural Network, Hyperparameter-Tuning, Model Deployment.

CERTIFICATION

Hacktiv8 Bootcamp [Certification] *June 2025*
Full Time Data Science Program
Complete an intensive, full-time data science program covering Python, statistics, machine learning, deep learning, data visualization, SQL, ETL, and real-world project implementation.

Associate Data Scientist – DataCamp [Certification] *July 2025*
DataCamp Certification
Demonstrating strong proficiency in data cleaning validation, metric computation, and the application of supervised and unsupervised learning techniques to solve real-world business problems.

Data Analytics with Tableau – Udemy [Certification] *July 2025*
Udemy Certification
Gained hands-on experience in data visualization, dashboards, and storytelling with Tableau. Covered data connection, filtering, calculated fields, charts, and interactive dashboards.

SQL (Intermediate) – HackerRank [Certification] *July 2025*
HackerRank Certification
Demonstrating proficiency in writing complex queries involving joins, unions, and sub-queries to analyze and manipulate relational data effectively.