

TEGAR AHMAD ARSY

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Bekasi

Mathematics graduate from Universitas Sebelas Maret with a specialization in Data. Strong background in mathematical modeling and data analysis, with practical experience across the data lifecycle, including data processing, analysis, and insight generation. Demonstrated strengths in problem solving, critical thinking, and public speaking, enabling effective leadership and clear communication of complex data driven insights.

EXPERIENCE

Siam Cement Group. - Jakarta

Feb 2025 - Present

Data Analyst/Data Engineer

- Performed data cleaning, preprocessing, and ETL from multiple sources (including web scraping) to build reliable data pipelines.
- Developed Power BI dashboards and a stocktake system to support performance monitoring, inventory accuracy, and operational efficiency.
- Delivered data-driven insights and automation to support business and operational decision-making.
- Achieved Regional Winner and 1st Runner-Up at CI International (CGS) 2025 by SCG.

ZORAGAN.ID - Surakarta

Feb 2022 - Aug 2022

Division Information and technology

- Designed and managed the database for the ZORAGAN website, ensuring efficient data storage and retrieval.
- Collaborate with the team to address web-related needs while ensuring projects stay on track and meet deadlines.
- Develop websites and contribute to UI/UX design to enhance user experience.

EDUCATION

Universitas Sebelas Maret - Surakarta, Central Java

Aug 2020 - May 2024

Bachelor of Bachelor of Mathematics, Faculty of Mathematics and Natural Sciences, 3.53/4.00

- Undergraduate Thesis Title: Analysis of the Contribution of Factors in Predicting Cryptocurrency Prices Using Machine Learning and Shapley Value Approach.

Haktiv8 - Python For Data Science

Feb 2022 - Aug 2022

- Developing ML features that meet data analysis needs
- Implementing Supervised and Unsupervised Learning to solve real-world cases
- Able to deploy created ML models

Bangkit Academy 2023 By Google, GoTo, and Traveloka

Aug 2023 - Jan 2024

- Utilized frameworks like TensorFlow, Keras, or PyTorch for model development.
- Applied optimization techniques to train and evaluate the model, ensuring high accuracy and performance
- Processed datasets using preprocessing and augmentation techniques to improve model accuracy.

ORGANIZATIONAL EXPERIENCE

DPO HIMATIKA - Surakarta, Central Java

Dec 2022 - Dec 2023

Secretary

- Coordinating various organizational activities and events.
- Analyzing the performance and impact of HIMATIKA's activities.

LSO MATHLETE UNS

Jan 2022 - Nov 2022

President

- Managing all needs of the Mathlete Student Organization
- Developing activities for the Mathlete Student Organization

Skills, Achievements & Other Experience

- **Achievements:** Regional Winner and 1st Runner-Up, CI International (CGS) 2025 by SCG. Chayeon Online Course Presenter. MBKM UNS 2022 Awardee. Scopus-indexed Publication Author.
- **Certifications and Trainings:** Google Data Analytics (Coursera). IBM Data Science Professional Certificate (IBM). Machine Learning Specialization (Coursera). Mathematics for Data Science and Machine Learning (Coursera). SQL: From Zero to Hero (Udemy). DeepLearning.AI TensorFlow Developer (Coursera). TensorFlow: Data and Deployment (Coursera).