






# Fawwaz Atha Rohmatullah

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## Skills

- Advanced: Python | SQL | Tableau | WordPress | Google Analytics | Tensorflow | Pytorch | Streamlit | No SQL
- Exposure to: Java | C++ | HTML | CSS | Excel | Figma | BigQuery | Google Cloud | Docker
- Professional Proficiency - English, Native Speaker - Indonesian
- Relevant Coursework: Data Science, Data Analytics, Machine Learning, Deep Learning
- **Finalist** Data Analytics Competition FindIT UGM 2024 (Top 10)
- **Finalist** Data Competition Isfest UMN 2024 (Top 10)
- **Finalist** Data Science Competition MCF ITB 2024 (Top10)

## Experience

### Business Analyst Intern

**DXYARY**

Semarang, IND 10/2024 – 11/2024

- Conducted data analysis and implemented forecasting models, contribute to a 10% improvement in decision making management
- Design and develop a streamlined data management systems using streamlit, integrating with mysql database to enhance operational efficiencies by 15%
- Integrated generative AI (Gemini) into the data retrieval system, enabling users to access database insights through natural language prompts.
- Designed entity-relationship diagrams and data models to support migration of business data from Google Sheets to MySQL, reducing data discrepancies by 15%.

### Data Science and Analyst Intern

**Imperial Healthtech**

Semarang, IND 07/2024 – 09/2024

- Developed Streamlit dashboards, integrating NoSQL data, increasing decision making speed for users by 20%
- Refined extensive data from NoSQL sources, ensuring high data integrity, improved data accuracy by 15%
- Engineered an internal analytics dashboard to monitor hospital users, leading to a 15% increase in operational efficiency.
- Executed complex data transformations, reducing reporting errors by 10%, and timely business insights.

### Machine Learning Cohort

**Study Independent**  
**Bangkit Academy**

Salatiga, IND 02/2024 - 07/2024

- Selected from over 55,000 applicants to join the prestigious Machine Learning Cohort.
- Graduated with the distinction of top 10% from over 1960 participants.
- Acted as a Bangkit Tribe member, liaising between the MSIB team and participants to ensure clear and effective communication.
- Completed 12 rigorous courses covering data analytics, machine learning, and deep learning.
- Executed all program initiatives exclusively in English, resulting in a 10% enhancement in soft skills proficiency.

### Search Engine Optimization Analyst

**Foxietech**

Salatiga, IND 01/2023 - 05/2023

- Collaborated on a highly successful article with an impressive \$30 return for every click.
- Conducted keyword research using SEMrush, Google Trends, Ahrefs, and Spyfu, resulting in a 10% increase in organic keyword ranking.
- Performed a comprehensive analysis of website metrics and performance, comparing key indicators such as traffic, position, and conversion rates between two or more periods.
- Applied SEO analytics tools to monitor keyword performance, achieving top 10 page ranking for targeted keywords and a 3% rise in organic click-through rates (CTR).

## Education

### Bachelor of Computer Science

**Universitas Dian Nuswantoro**

Semarang, IND

Expected 2025

- Major in Information Systems
- Current Semester: Seven Semester
- Cumulative GPA: 3.82 / 4.0

## Projects

### Build Feature Extraction Architecture (for small data image classification)

(03/2024)

- Developed a feature extraction architecture inspired by GANs, incorporating dilated residual and triplet attention
- Achieving a 30% improvement over traditional CNN and MLP models

### Developed RAG LLM

(11/2024)

- Implemented a RAG to answer multiple-choice science exam questions as part of a Kaggle competition

### Human Resources Dashboard (Synthetically Generated Data)

(09/2024)

- Designed and developed an interactive dashboard using Tableau to visualize key HR metrics

Certifications

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- **Mathematics for Machine Learning and Data Science** ([Coursera](#)) (02/2024)  
Completed a comprehensive online program by DeepLearning.AI, mastering math and statistics behind machine learning algorithms.
- **Google Advanced Data Analytics Professional Certificate** ([Coursera](#)) (06/2023)  
Leveraged Python and Tableau to analyze large datasets, build predictive models, and create compelling data visualizations, fulfilling key course projects.
- **Machine Learning Specialization** ([Coursera](#)) (05/2024)  
Acquire in-depth knowledge and practical skills in machine learning.

- Others**
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- **TOEFL ITP** : Score: 517 (07/2024)