ABDILLAH ILHAM

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Ilham is a Cum Laude Statistics graduate with expertise in data analytics, business intelligence, and machine learning. Skilled in Python, SQL/MySQL, Power BI, Excel, and R, he has experience developing dashboards, automating workflows, and building predictive models through projects and professional roles, including in BUMN. Passionate about transforming complex data into actionable insights, he aims to contribute to digital transformation and commercial excellence initiatives by delivering impactful dashboards, process automation, and data-driven strategies.

Professional Experience

Pelindo Terminal Petikemas - **Indonesia**   Apr 2025 - Jun 2025

Operation Development Analyst Intern

Pelindo Terminal Petikemas is a state-owned company, focusing on terminal container operation business

- Developed an automated Preferred Area Dashboard using Google AppScript, improving efficiency and data consistency of container terminals
- Involved in readiness transformation analysis for terminal standardization
- Created Project Management and Budget Monitoring Dashboard using Google Data Studio
- Initiated a centralized database for all container terminals

Institut Teknologi Sepuluh Nopember - **Surabaya**   Aug 2024 - Dec 2024

Assistant Lecturer of Data Warehouse

Department of Statistics in Sepuluh Nopember Institute of Technology aims for improving education and research of statistics in real world case

- Teaching class of 30 people about Data Warehouse Modelling concepts, Database Management and ELT using MySQL, ETL using Pentaho, and Dashboarding using Power BI
- Supervising in students Data Warehouse final project

Telkom Indonesia - **Surabaya**   Jun 2024 - Aug 2024

Internship

Telekomunikasi Indonesia is company that focusses on information technology, communication, and digital telecommunication

- Extract user data and video from API
- Visualize data to suggest user clustering and identifying peak time
- Created Deep Learning model for user segmentation with IndoBERT and achieving accuracy of 87%
- Created API for video transcription, lowering error by 1,9% and increased efficiency by creating free transcription method using Whisper AI

Institut Teknologi Sepuluh Nopember - **Surabaya**   Feb 2024 - Jun 2024

Assistant Lecturer of Open Source Programming

Assistant lecturer of Open Source Programming for Data Science Class

- Teach a class of 30 students about mid-level programming for data science using R and Python
- Assisting lecturers in grading

Rakamin Academy x IDX Partners   Jan 2024

Project Based Virtual Internship

Rakamin is an online education platform that helds Project Based Virtual Internship with IDX Partners, an consulting firm.

- Completing all course about machine learning and data analysis
- Completing final project to build ML Model and infographic about credit risk

Institut Teknologi Sepuluh Nopember - **Surabaya**   Sep 2023 - Dec 2023

Assistant Lecturer of Database

Assistant lecturer of Database Management Course at Department of Statistics, Institut Teknologi Sepuluh Nopember

- Teaching a class of 40 students about MySQL and Database Management Concepts
- Creating module for practicum based learning
- Assisting in store database final projects

Education Level

Institut Teknologi Sepuluh Nopember - **Surabaya, Jawa Timur, Indonesia**   Jun 2021 -

Bachelor of Statistics, 3.70/4.00

- Cum Laude, Basic Management Training, KPU HIMASTA-ITS, Speaker at Community Service for Teachers, Community Service for

Lecturer in colaboration with Department of Statistics

Bangkit by Google, Goto, and Traveloka Independent Study - Bandung · Feb 2024 - Jun 2024

Associate of Bangkit is Independent Study by Indonesian Ministry of Education, aims to creating indviduals with in-demand skills and tech certifications, 95.06/100.00

- Graduate with Distiction (top 10%)
- Learn about end-to-end machine learning production and data analytics
- Created machine learning backend in JatimJourney as capstone project, a personalized travel apps

SMAN 6 Surabaya - Surabaya, Jawa Timur · Jun 2018 - Jun 2021

High School Diploma in Mathematics and Natural Sciences, 86.00/100.00

- Member of Mathematics Olympiad Students Association

Organizational Experience

Statistics Computer Course - Surabaya · Feb 2024 - Feb 2025

Chairman

Semi autonomus organization under Himpunan Mahasiswa Statistika ITS that specializes in improving statistical computation skill

- Directing and responsible for all activities in SCC Division
- Achieve overall Division Achievement of 94%
- Conceptualize planning for following year and ensure regeneration
- Achieving an increase of almost 300% in budget than last year

Keputih Cinta Statistik - Surabaya · Apr 2024 - Aug 2024

Team Leader

As an community engagement organization funded by Kemristekdikti, Keputih Cinta Statistik (Keputih Cantik) is a program aimed at introducing the use of data and statistics to support decision-making or monitoring at the sub-district level.

- Directing a team of 5 and responsible for all activities
- Coordinating interest and progress between stakeholders, including the field supervisor, reasoning lecturer, and district head
- Achieve funding of 6 million Rupiah
- Initiating Dashboard for data digitalization and conducting workshop to ensure continuity

Statistics Competition 2023 (STATION) - Indonesia · Jun 2023 - Sep 2023

Vice Head of Statistics Event Division

National statistics competition and big event of HIMASTA-ITS

- Conceptualize main event of STATION 2023 for 600+ participants
- Controlling the main event of STATION
- Coordinating and directing the material sub-division for preliminary round, semifinal round, and grand final round

Skills, Achievements & Other Experience

- **Achievements** ⊘ (2025): PKM Scientific Article by Ministry of Higher Education, Science, and Technology: Granted Funding
- **Achievements** ⊘ (2024): PKM Scientific Article by Direktorat Jenderal Pendidikan Tinggi Kemendikbud: Granted Funding
- **Achievements** ⊘ (2024): PKM Social Engagement by Direktorat Jenderal Pendidikan Tinggi Kemendikbud: Funded Proposal
- **Achievements** ⊘ (2022): People Choice Award of Statistics Infographic Competition UNS
- **Modules Taken** ⊘ (2025): Dev Certified Machine Learning with Tensorflow
- **Modules Taken** ⊘ (2024): DeepLearning.AI Tensorflow Developer Certification
- **Modules Taken** ⊘ (2024): DeepLearning.AI: Tensorflow Data and Deployment
- **Modules Taken** ⊘ (2024): Stanford Online: Machine Learning Specialization
- **Modules Taken** ⊘ (2022): Google Data Analytics Professional Certificate