ABDILLAH ILHAM

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Ilham is a fresh graduate of Bachelor of Statistics with a focus on data analysis and problem solving. Experience using Python, R, SQL, Excel, and BI Tools to process data and generate insights that support decision-making. Experienced in analysis projects in State Owned Entreprises and academic research activities, which train rigor, team collaboration, and adaptation to various challenges. Uphold a growth mindset and integrity to continue to develop in a dynamic work environment.

Education

Sepuluh Nopember Institute of Technology – **Surabaya, East Java**   June 2021 – Aug 2025

Bachelor of Statistics, 3.70/4.00 (Laude)

- Specialization in computational statistics and data science
- The topic of the final project is the Sentiment Analysis of the East Java Regional Elections and Their Relationship to the Results of the Regional Elections

Bangkit by Google, Goto, and Traveloka - **Bandung (online)**   Feb 2024 - June 2024

Independent Study Bangkit is an Independent Campus program by the Ministry of Research, Technology and Higher Education which aims to produce work-ready digital talents, 95.06/100.00 (Graduated with honors)

- Learn about end-to-end machine learning production, AI, and data analytics
- Creating a machine learning backend in East Java Journey, a travel application with personalization

Professional Experience

PT Pelindo Terminal Petikemas -**Surabaya**   Apr 2025 – Jun 2025

Data Analyst Intern

Pelindo Terminal Petikemas (SPTP) is a Pelindo Sub-holding that serves the container terminal business

- Created automatic Preferred Areas using Google AppScript, improving the efficiency and consistency of container terminal data
- Engage in the transformation analysis of terminal standardization readiness
- Create a project management and budget monitoring dashboard using Google Studio
- Initiating a database of all container terminals

Sepuluh Nopember Institute of Technology -**Surabaya**   Aug 2024 – Dec 2024

Data Warehouse Assistant Lecturer

- Teaching a class of 30 people on Data Warehouse concepts, database management and ELT using MySQL, ETL using Pentaho, and Dashboarding using Power BI
- Guiding students in the final project of Data Warehouse
- Design portfolios, exercises, and practicum case studies

PT Telkom Indonesia -**Surabaya**   Jul 2024 – Aug 2024

Machine Learning Engineer Intern

Telkom Indonesia is a company that focuses on information, communication, and digital telecommunications technology

- Extract user and video data using the API
- Processing data to segment users and identify peak time
- Built a machine learning model using IndoBERT to perform classification, obtaining 87% accuracy
- Created an API for video-to-text transcription, reduced errors by 1.9% and increased efficiency (for free) with Whisper's open source model

Sepuluh Nopember Institute of Technology -**Surabaya**   Feb 2024 – June 2024

Open Source Programming Assistant Lecturer

- Teaching a practicum class of 30 people on intermediate level data science programming using R and Python Assisting Lecturers in
- assignment assessment
- Create practicum modules and exercises

Rakamin Academy x IDX Partners   Jan 2024

Project Based Virtual Internship

Rakamin is an online learning platform that organizes Project Based Virtual Internships with IDX Partners, a consulting company

- Solve all models regarding machine learning and functional data analysis
- Completing the final project by creating a machine learning model and infographic on credit risk

Sepuluh Nopember Institute of Technology -**Surabaya**   Sep 2023 – Dec 2023

Database Assistant Lecturer

- Taught practicum sessions in a class of 40 people on MySQL and database management
- Guiding students in making a final project for database system design
- Create learning modules, exercises, and practicum case studies

Organizational Experience

Statistics Computer Course -Surabaya   Feb 2024 - Feb 2025

Chairman

The Statistics Computer Course (SCC) is a semi-autonomous body under the ITS Student Association that focuses on improving computing skills in the fields of statistics and data science

- Director and person in charge of all divisional activities
- Earn a division performance score (KPI) of up to 94%
- Raise funding by up to 300%

Keputih Cinta Statistik -Surabaya   Apr 2024 - Aug 2024

Team Leader

As a community service organization under the Ministry of Research, Technology and Higher Education, Keputih Cinta Statistik (Keputih Cantik) is a program to introduce the use of data and statistics to help decision-making or monitoring at the village level

- Lead a team of 5 people and direct and be responsible for all activities
- Coordinating between supervisors, village officials, and assessor teams
- Get funding of up to 6 million rupiah
- Initiating the Keputih Cantik Village Dashboard and conducting seminars to ensure sustainability

Pekan Raya Statistika -Indonesia   June 2023 - Sep 2023

Vice Chairman of Event Station Division

PRS is a big event of HIMASTA ITS which has 2 branches: Statistics Competition (Station), national statistics competition and DAC, international statistical analysis competition (Asean)

- Conceptualizing the main event of Station 2023 with 600 teams registered
- Control and coordinate the Main Event Station 2023 to the relevant divisions
- Coordinating with the Materials Sub-Division for the preliminary round, semifinals, and grand finals

Appreciation

PKM Scientific Articles Research Incentives   2025
Funding by the Ministry of Research, Technology and Higher Education on the Effect of Back Translation on Sentiment Analysis

PKM Community Service Program Funding   2024
Funding by the Ministry of Research, Technology and Higher Education on community service Keputih Cinta Statistics

PKM Scientific Articles Research Incentives   2024
Funding by the Ministry of Research, Technology and Higher Education for Air Temperature Analysis research using the GTWWR method

Third Place in the UHO Infographic Competition   2023
Examining the quality of roads in Indonesia to support the demographic bonus of Golden Age of Indonesia 2045

Favorite Winner of the UNS Infographic Competition   2022
Raising the topic of digital talent and its benefits to support a Golden Age of Indonesia 2045

Professional Certifications

- **Dev Certified Machine Learning** by Dev Cert (2025)
- **Google Data Analytics** by Google (2022)
- **Machine Learning Specialization** by Stanford University (2024)
- **Data Analyst in Databricks** by Datacamp (2025)

Skill

- **Languages:** Indonesian (native speaker), English (Advanced, TOEFL ITP 627)
- **Hard Skills:** Data Analysis, Machine Learning Engineering, Business Intelligence, Data Modelling, Deep Learning, Econometrics
- **Soft Skills:** Analytical Thinking, Problem Solving, Team Collaboration, Adaptability & Flexibility, Integrity, Growth Mindset
- **Tools:** Microsoft Excel, Google Sheet, Python, R, SPSS, SQL (ANSI standard), Tableau, Power BI, Looker Studio, Tensorflow, Scikit Learn, Databricks, Kettle, Minitab