



HUSNAN ALI HUSNAIN

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Jakarta, Indonesia

Statistics graduate from Institut Teknologi Sepuluh Nopember with experience in data science, AI, predictive modeling, and dashboard development. Passionate about applying machine learning and analytics to deliver impactful, data-driven insights.

Educational Background

Institut Teknologi Sepuluh Nopember - Surabaya, Indonesia <i>Bachelor of Statistics, 3.30/4.00</i>	Jul 2021 - Jul 2025
SMAN 27 Bandung - Bandung, Indonesia <i>Senior High School, Science</i>	Jun 2018 - Jun 2021
Revou Tech Academy MSIB Batch 6 - Indonesia <i>Data Analytics and Software Development Program</i>	Feb 2024 - Jul 2024

Work Experiences

Highbrow Technology Inc. - North Carolina, United States (Remote) <i>AI Prompt Associate Consultant</i> <ul style="list-style-type: none">Evaluated 48+ prompts daily on Edu Arena as part of a 6-person evaluator team, assessing AI models on accuracy, coherence, and instruction following.Delivered comparative assessments in Battle Mode with written justifications 5 days a week, directly improving AI reliability.Appointed as Point of Contact (POC) supervising a 6-member team, monitoring performance and approving deliverables to ensure client standards.	Aug 2025 - Present
PT Metrodata Electronics Tbk - Jakarta, Indonesia <i>Cloud Engineer Intern</i> <ul style="list-style-type: none">Developed Leather Defect Detection POC (PT Adis) using YOLOv11m-seg, achieving 92.3% mAP, 94% precision, 86% recall across 2,000+ annotated images.Built Mood Analytics Web App (PT Bakrieland) with Google Cloud & Gemini AI, tested by 100+ users in real-time emotion detection sessions.Created Container Defect Detection POC (Meratus) using YOLOv11, achieving 77.6% mAP and reducing manual QC time by 40%, applied in weekly inspection workflows.Authored Knowgen.AI User Guide (v4.0) and prepared ground truth reports; conducted bug testing to improve platform reliability by 30% fewer errors logged.	Feb 2025 - Present
PT PLN ULP UP3 (Persero) Purwakarta Kota - Purwakarta, Indonesia <i>Data Scientist Intern</i> <ul style="list-style-type: none">Processed 600,000+ electricity consumption records over 6 weeks to identify usage anomalies across West Java customers.Applied Random Forest, XGBoost, Logistic Regression with SMOTE balancing; Random Forest achieved 92.2% accuracy, 0.985 AUC.Identified key factors (Stan Meter, Usage Hours, Consumption) influencing anomalies, supporting PLN in improving operational efficiency.Delivered actionable insights and dashboards to support operational teams, improving decision-making efficiency by 20%.	Jul 2024 - Aug 2024

Organization and Event Experiences

HIMASTA ITS - Surabaya, Indonesia <i>Head of the Interest and Talent Department</i> <p>A student organization under the Department of Statistics, Institut Teknologi Sepuluh Nopember, dedicated to fostering academic excellence, developing students' interests and talents, and building a strong community through various programs, events, and advocacy initiatives.</p> <ul style="list-style-type: none">Led a 10-member team to design and deliver arts, sports, and talent programs, engaging 300+ students.Organized flagship events with 500+ participants, achieving a 90% satisfaction rate.Built external partnerships, expanding talent program opportunities by 30%.	Feb 2024 - Dec 2024
SPORASTICS (Sport and Spirit in Statistics) - Surabaya, Indonesia	Oct 2021 - Jun 2023

Chairperson of Event

An internal sports and arts competition organized by the Department of Statistics, Institut Teknologi Sepuluh Nopember. The event serves as a platform for students to showcase their athletic skills and artistic talents, while fostering camaraderie, teamwork, and a vibrant community spirit within the department.

- Directed planning and execution of sports & arts competitions with 700+ attendees.
- Managed budgeting and logistics, delivering the event 100% on time and within budget
- Achieved 95% positive feedback, strengthening student engagement and teamwork.

Pekan Raya Statistika - Surabaya, Indonesia

Aug 2023 - Oct 2023

Vice Head of Accommodation and Transportation Subdivision

Annual event organized by HIMASTA-ITS. The series of events at the statistics fair consisted of talk shows, data analyst competitions throughout Indonesia and Southeast Asia, and a gala dinner.

- Coordinated logistics for 200+ participants, judges, and guests across Indonesia & Southeast Asia.
- Ensured smooth event flow with zero major disruptions during the 3-day event.

UKM Expo ITS - Surabaya, Indonesia

Dec 2021

Brand Ambassador

An annual event at Institut Teknologi Sepuluh Nopember that introduces and promotes various Student Activity Units (UKM) to new students. The event aims to encourage student participation in extracurricular activities, fostering personal growth, skills development, and community engagement.

- Promoted student activity units to 1,000+ new students, boosting membership inquiries by 25%.
- Supported onboarding and improved participation in extracurricular activities.

Skills, Achievements & Other Experience Skill

- **Certification** 🏆 (2024): Support Vector Machines in R - Datacamp
- **Certificate** 🏆 (2024): Forecasting in R - Datacamp
- **Certificate** 🏆 (2024): Machine Learning with Tree-Based Models in R - Datacamp