

Muhammad Sultan Alhakim

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Results-driven Machine Learning and Data Science specialist with strong proficiency in Python, R, C++, and JavaScript. Experienced in conducting data analysis, process automation, and building predictive models on real-world datasets. Passionate about developing impactful AI-driven solutions and scalable applications, with a strong track record of making systems more efficient and effective.

EDUCATION

Jenderal Soedirman University Bachelor Degree in Informatics GPA: 3.77/4.00 (Cumulative)	Aug 2022 - Present
<ul style="list-style-type: none">Awardee & Regional Coordinator Djarum Beasiswa Plus (2024/2025)Science and Technology Division Staff Informatics Student Association (2022/2023)	

EXPERIENCE

PT Bank Syariah Indonesia TBK IT Support Intern	Jul 2024 – Aug 2024 Bekasi, Indonesia
<ul style="list-style-type: none">Designed and implemented an automated collection reminder system, resulting in an estimated 15% improvement in on-time payments and enhanced billing efficiency.Provided hands-on support in diagnosing and resolving various IT-related issues, including hardware, software, and network concerns, ensuring minimal downtime and smooth daily operations.	
PT Aesthetica Tria Utama IT Support	Jun 2019 – Jun 2022 Cibubur, Indonesia
<ul style="list-style-type: none">Managed the full lifecycle of IT assets, including procurement, setup, and maintenance of laptops, network infrastructure, and software licensing, ensuring optimal device performance and network stability.Reduced potential data loss incidents by 80% through the design and implementation of security procedures, including automated backup scheduling and recovery protocols.	
PT Nutrifood Indonesia Data Entry Intern	Jan 2019 – Mar 2019 Cikarang, Indonesia
<ul style="list-style-type: none">Increased data processing efficiency by over 30% by automating repetitive data entry workflows using iMacros and custom R scripts, significantly reducing manual workload.Ensured high data accuracy by performing thorough quality checks on employee records, proactively identifying inconsistencies and initiating timely corrections within internal systems.	

AWARDS & COMPETITION

Bronze Medal, Invention ICT & Multimedia Indonesia Inventors Day (IID) 2024 Indonesian Invention and Innovation Promotion Association
1st Place, Web Design Electro Invention Race (EIR) 2021 Ujung Pandang State Polytechnic
2nd Place, Web Technologies Lomba Keterampilan Siswa (LKS) 2020 MGMP RPL Bekasi
2nd Place, Fast Typing Olimpiade TIK Nasional (OTN) 2020 Republic of Indonesia Teachers Association
3rd Place, Web Design Lomba Keterampilan Siswa (LKS) 2019 MGMP RPL Bekasi

ADDITIONAL INFORMATION

<ul style="list-style-type: none">Programming Languages: Python (Advanced), JavaScript (Intermediate), C++ (Intermediate), R (Basic), SQLData Science & Machine Learning: EDA, Data Cleaning, Feature Engineering, Classification, Regression, Clustering, Cross-Validation, Hyperparameter Tuning, Model EvaluationLibraries & Tools: Pandas, NumPy, Scikit-learn, XGBoost, LightGBM, Optuna, Matplotlib, Seaborn, TensorFlow (basic), Keras, PyTorch (basic), iMacrosSoftware: Jupyter Notebook, Google Colab, Firebase, Vercel, Git, GitHub, iMacros, Adobe Creative Suite, Figma, Canva, Microsoft Office SuiteSoft Skills: Leadership, Critical Thinking, Problem Solving, Attention to Detail, Grit, Curiosity, Initiative, Adaptability, Communication
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