# 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**                                                                 **Aug 2022 - Present**
Bachelor Degree in Informatics | GPA: 3.77/4.00 (Cumulative)

- Awardee & Regional Coordinator | Djarum Beasiswa Plus (2024/2025)
- Science and Technology Division Staff | Informatics Student Association (2022/2023)

## EXPERIENCE

**PT Bank Syariah Indonesia TBK**                                                                 **Jul 2024 – Aug 2024**
IT Support Intern                                                                                              Bekasi, Indonesia

- 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**                                                                         **Jun 2019 – Jun 2022**
IT Support                                                                                                        Cibubur, Indonesia

- 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**                                                                             **Jan 2019 – Mar 2019**
Data Entry Intern                                                                                            Cikarang, Indonesia

- 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

- **Programming Languages:** Python (Advanced), JavaScript (Intermediate), C++ (Intermediate), R (Basic), SQL
- **ML & Data Science:** EDA, Feature Engineering, Classification, Clustering, XGBoost, LightGBM, SVM, CatBoost, Optuna, TensorFlow, Keras, etc
- **Tools:** Git, GitHub, Jupyter, Colab, Figma, Firebase, Vercel, Adobe Creative Suite, etc.
- **Soft Skills:** Leadership, Critical Thinking, Problem Solving, Attention to Detail, Grit, Curiosity, Initiative, Adaptability, Communication