

RAYMUSSEN ARTHUR WIJAYA

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Serpong, Banten, Indonesia

Computer Science student specializing in Data Science & ML. Proficient in Python, data analysis, & ML frameworks. Eager to build impactful data-driven solutions.

Education Level

Universitas Multimedia Nusantara - Indonesia <i>Bachelor of Computer Science, 3.76/4.00</i>	Aug 2023 - Aug 2027 (Expected)
<ul style="list-style-type: none">Achieved 5+ professional industry certifications during studies, including Oracle (OCI) Data Science Professional and Huawei (HCIA-AI, HCIA-Cloud Service, HCIA-OpenGauss)Actively involved in student organizations, serving as IT Department Staff at Ultimagz (Campus Press) and Member of the UMN Programming Club.Applied data science and ICT skills in global competitions, including ADSE 2025, Huawei ICT Competition 2025, and IYCL 2025.	Jul 2020 - May 2023

Organisational Experience

Ultimagz - Indonesia <i>IT Department Staff</i>	Jan 2025 - Present
Ultimagz is the official student press organization of Universitas Multimedia Nusantara, serving as the primary campus media and news portal.	
<ul style="list-style-type: none">Developed and maintained the official ULTIMAGZ website, serving 4.000+ monthly visitors and ensuring 99% uptime.Implemented frontend and backend improvements, enhancing website performance and reducing page load time by 15%.Managed 10+ weekly content updates and optimized systems to increase user engagement by 10%.Collaborated with a team of 15+ editorial and design members to integrate 3 new major site features.Analyzed 20+ user feedback reports monthly to implement 5+ continuous enhancements and bug fixes.	
Hansan Festival 2024 - Singapore <i>Logistics Division Member</i>	Aug 2024 - Dec 2024

UMN Festival 2024 - Indonesia <i>Competition Division Member</i>	Aug 2024 - Dec 2024
The largest and most anticipated annual university-wide event at Universitas Multimedia Nusantara (UMN), featuring a diverse range of competitions, performances, and student celebrations.	

UMN PC - Indonesia <i>Programming Club Member</i>	Aug 2023 - Dec 2023
UMN's official student hub for competitive programming, training members in advanced algorithms, data structures, and problem-solving to excel in coding competitions.	

- Collaborated with 20+ members on weekly algorithmic problem-solving and coding challenges.
- Enhanced data structures and algorithms expertise by participating in 4 intensive training sessions per month.
- Participated in 2 internal and external team-based coding competitions.

Skills, Achievements & Other Experience

- Projects Life-Style Recommendation Mobile Application:** Developed an ML model (RandomForest) for lifestyle recommendations. Deployed the model as a Flask API for integration with an Android mobile app.

- **Projects Movie Recommendation System:** Built a content-based recommendation system using TF-IDF & Cosine Similarity. Features XAI explanations (LIME) and integrates with Firebase/OMDb for data.
- **Projects Brain Tumor MRI Classification:** Implemented a 2-model Computer Vision pipeline. Model 1 (Roboflow) detects the tumor, and Model 2 (EfficientNet) classifies its type.
- **Programming Skills:** Proficient in Python and R for data analysis & machine learning, along with SQL (MySQL) and Bash for data manipulation and scripting.
- **Machine Learning & Deep Learning Skills:** Experienced in applying Scikit-learn (regression/classification), TensorFlow, PyTorch, and Keras for various projects, including Computer Vision and XAI (LIME, SHAP).
- **Cloud and Deployment Skills:** Capable of deploying models as APIs (Flask), managing containers (Docker), and familiar with cloud platforms (OCI, Huawei Cloud, Roboflow, Hugging Face).
- **Business Intelligence (BI) & Databases Skills:** Skilled in creating data visualizations (Tableau, SAP Analytics Cloud) and managing both SQL (MySQL) and NoSQL (Firebase, Supabase) databases.