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   Aug 2021 - Dec 2027 (Expected)

Bachelor of Computer Science, 3.76/4.00

- 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.

SMA WR Supratman 1 - Indonesia   Jul 2020 - May 2023

High School Diploma in Science Major

- Active member of the Programming Club, securing 3 victories in school-level programming competitions.
- Represented the school and competed against 300+ participants in the National Science Olympiad (OSN) for Informatics at the city level.
- Developed a strong foundation in computational problem-solving and algorithms through competitive programming.

Organisational Experience

Ultimagz - Indonesia   Jan 2025 - Present

IT Department Staff

Ultimagz is the official student press organization of Universitas Multimedia Nusantara, serving as the primary campus media and news portal.

- 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   Aug 2024 - Dec 2024

Logistics Division Member

- Managed logistical setup for 10+ vendor bazaar stands and the main performance stage for an audience of 500+ attendees.
- Operated and oversaw the technical setup of the event sound system and audio equipment for the 8-hour main event.
- Collaborated with 3 production and event divisions (a team of 30+ people) to fulfill all technical requirements on time.

UMN Festival 2024 - Indonesia   Aug 2024 - Dec 2024

Competition Division Member

The largest and most anticipated annual university-wide event at Universitas Multimedia Nusantara (UMN), featuring a diverse range of competitions, performances, and student celebrations.

- Officiated 20+ badminton matches, ensuring 100% adherence to official competition rules and fair play.
- Supervised live match scoring and validated final results for 60+ athletes, ensuring accurate ranking and advancement.
- Coordinated match schedules and bracketing for the 24-team badminton tournament over a 6-day period.

UMN PC - Indonesia   Aug 2023 - Dec 2023

Programming Club Member

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.