**Angga Ramda Ramadhan**

**0812-8713-0110** | [**anggaramdawork@gmail.com**](mailto:anggaramdawork@gmail.com) **|** [**www.linkedin.com/in/anggaramdaramadhan**](file:///D:\Folder%20Lamaran%20Angga\indotruck\www.linkedin.com\in\anggaramdaramadhan) | **Karawang, West Java**

**EXPERIENCE**

|  |  |
| --- | --- |
| **Artificial Intelligence Intern**  PT. Salam Pacific Indonesia Lines (QHSE) – Jakarta | *August 2024 - Present* |

* Spearheaded 3 AI projects using YOLO and OpenCV to support QHSE operations. including real time object detection.
* Enhanced model performance with data augmentation, achieving 87% precision, recall 79%, and f1-score 84%.
* Collaborated with 2 departments to research AI applications, that potentially saving cost and enhanced operational efficiency.

|  |  |
| --- | --- |
| **Laboratory Assistant for Data Mining Course**  Buana Perjuangan University – Karawang, West Java | *March 2024 – July 2024* |

* Mentored over 200 students in applying machine learning algorithm and resolving code issues.
* Evaluated and graded weekly assignments, ensuring precision in data processing and model development using Python.

|  |  |
| --- | --- |
| **Research Assistant**  Buana Perjuangan University – Karawang, West Java | *June 2023 – December 2023* |

* Conducted comparative analysis of 5 machine learning algorithm to classify heart disease and stroke disease patients.
* Preprocessed large datasets over 100 columns and 600k rows of data and implemented oversampling technique (SMOTE - ADASYN) to solve imbalance data problem, achieving best performance 0.868 AUC score.
* Co-authored 2 research papers published in Sinta-indexed journals (Sinta 3 and Sinta 4).

**EDUCATION**

|  |  |
| --- | --- |
| **Bachelor of Computer Science**  Buana Perjuangan University – Karawang, West Java | *September 2020 – June 2024* |

* GPA: 3.51 / 4.00 (Cum Laude).
* Secure Incentive Award for Scientific Paper during the 2024 Student Creativity Week.
* Earned Silver Medal in Artificial Intelligence at National Scientific Paper Competition held by Brawijaya University (2023).
* Won 1st Place in KKN Scientific Paper Competition, Buana Perjuangan University (2023).
* Led the Class as Coordinator for 3 years and Laboratory Assistant for 6 months, mentoring over 200 students in Data Mining course.

**PROJECTS**

|  |  |
| --- | --- |
| **Chatbot with RAG to Analyze Candidate CV and Giving Feedback** | *October 2024* |

* Initiate web-based chatbot with Llama 3 and RAG method. Implement Langchain as framework and Groq as cloud engine to increase performance more than 60%.

|  |  |
| --- | --- |
| **General Chatbot with Llama 3.1** | *October 2024* |

* Developed a web-based chatbot using LLM LLama 3.1 8B, optimized with Groq as an engine for fast local inference, capable handling up to 400.000 tokens per day.

|  |  |
| --- | --- |
| **Deep Learning Methods for Classify Welding Quality Image** | *May 2024 – July 2024* |

* Built a CNN model with VGG16 for welding image classification, achieving 98% of accuracy in balanced data conditions.

**ACTIVITIES**

|  |  |
| --- | --- |
| **Workshop Committee, PIC Equipment Division “Trap Hackers with Honeypots”**  Buana Perjuangan University – Karawang, West Java | *June 2023* |

* Coordinated 5 team members in the equipment division and worked with other departments to ensure seamless event execution and proper tool management during the event.

**CERTIFICATION / PATENT**

|  |  |
| --- | --- |
| * **Data Analysis with Python** – Dicoding | Sept 2024 – Sept 2027 |
| * **Data Science** – Dicoding | Sept 2024 – Sept 2027 |
| * **SQL Fundamentals -** Dicoding | Sept 2024 – Sept 2027 |
| * **Machine Learning for Beginners** – Dicoding | Sept 2024 – Sept 2027 |
| * **Python Programming** – Dicoding | Sept 2024 – Sept 2027 |
| * **English Proficiency Certificate (442/600)** – British Council | Apr 2024 |
| * **Patent: Implementasi Algoritma CNN Terhadap Aplikasi Klasifikasi Kesehatan Citra Bulir Padi “BRINJI”** | Aug 2023 |

**SKILLS**

* **Python Programming Language**
* **Machine Learning**
* **Deep Learning**
* **LLM**