MUHAMMAD KAROV ARDAVA BARUS

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EXPERIENCE

Google Developer Groups on Campus Telkom University Bandung
Core Team of Machine Learning Mentor & Curriculum **Bandung**
November 2024- Present

- Designed and developed a machine learning learning path for members.
- Led machine learning sessions and taught more than 60 participants on key concepts and practical applications.

Person in Charge (PIC) – Public Relations Telkom University | Google APAC Solution Challenge 2025 **Bandung**
March 2025- May 2025

- Served as liaison officer for event speakers to maintain communication, guided them during the event, and ensured a smooth experience on-site.
- Reached out to speakers and invited them to share their expertise at the event.

Multimedia, Big Data, and Cyber Security Applications Laboratory
Big Data Research Assistant **Bandung**
September 2024- Present

- Person in Charge (PIC) for Project and Research in Big Data Division.
- Conducted research on an ''Abstractive Indonesian Text Summarization Model using BERT and GPT-2 architecture'' that exceeded prior research benchmarks.

Himpunan Mahasiswa Data Science (HIMA DS)
Head of Human Resource Development Department (PSDM) **Bandung**
February 2025- Present

- Lead Developer for HIMA DS Website Project.
- Event Committee Member for RISE 2025.

Intern Staff of Human Resource Development Division (PSDM) **Bandung**
June 2024- February 2025

- Served as Project Officer for a nationwide infographic competition for high school students across Indonesia.
- Organized a study group for S1 Data Sains undergraduate students to improve subject understanding.
- Organized a workshop for competition to help competition participants perform their best in the competition.

VOLUNTEER

Google Developer Student Clubs Telkom University Bandung
Member **Bandung**
December 2023- October 2024

- Worked on collaborative projects with other members using Google technologies to solve real-world problems.

EDUCATION

SMA Harapan 3 **Medan**
Science Major | Final Grade: 93.75 / 100.00 **2020-2023**

- Achieved finalist standing in a mathematics competition | Presented by Eduversal Foundation and Puspresnas.
- Received recognition for academic excellence performance.
- Final Grade: 93.75 / 100.00

Telkom University **Bandung**
Majoring in Data Science; School of Computing | GPA: 3.60 / 4.00 (Cumulative) **2023-Present**

- Relevant coursework: Statistics, Probability Theory and its Implementation, Modelling Simulations & Optimizations, Machine Learning, Data Analytics.

ADDITIONAL INFORMATION

- **Programming Languages:** Python (Primary Language), Javascript, C++, SQL
- **Hard Skill**: Predictive Modelling, Data Mining, AI/ML, Prompt Engineering
- **Soft Skill**: Problem-solving, Attention to detail, Analytical thinking, Public speaking, Communication
- **Software & Tools**: Visual Studio Code, Cursor, PowerBI, Jupyter Notebook, Git, Github, Microsoft Words, Canva