ARYAN RIANTO

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Portofolio

Bandung, West Java

Detail-oriented and results-driven Informatics Technology student at Widyatama University with strong expertise in Data Analysis, Database Management, Machine Learning, and Business Intelligence. Experienced in executing end-to-end data projects from data cleaning and exploration to model deployment and dashboard visualization. Proficient in Python, SQL, Power BI, Looker Studio, and Cloud Platforms (GCP). Demonstrated ability in working collaboratively within teams and delivering insights that support data-driven decision-making.

EDUCATION

Widyatama University *[certificate]*

Informatics Engineering   September2021 – Present

- GPA : 3.43 / 4.00 *[transkrip]*
- Relevant Courses : *Statistics*, *Applied Database, Artificial Intelligence, Machine Learning, Business Intelligence*
- *Active in Student Association Organizations,*
- *Participated in Taekwondo extracurricular Activities.*

WORK EXPERIENCE

PT BISA AI Academy *[certificate]*

MSIB - Data Science Intern Batch 7   September 2024 - December 2024

- Built an end-to-end Flood Prediction system using Random Forest and deployed it via an interactive web dashboard.
- Developed expertise in Data Analysis, Machine Learning, Deep Learning solutions with Tensorflow including Convolutional Neural Network (CNN), Recurrent Neural Network (RNN), Long Short Term Network (LSTM).
- Hands-on with Natural Language Processing (NLP) techniques.
- Applied data preprocessing, model training, tuning, and visualization for real-world datasets.

PT Revolusi Cita Edukasi (RevoU) *[certificate]*

MSIB - Data Analyst and Software Engineering Batch 6   February 2024 - June 2024

- Created actionable dashboards using Python, SQL, Spreadsheet, Power BI and LookerStudio.
- Applied Business Intelligence Strategies to improve decision-making processes.
- Developed web-based software integrating backend and frontend systems.
- Performed data cleaning and preprocessing to ensure accuracy and reliability of analytical results.

Widyatama University *[Letter of Appointment Assistant Lecturer]*

teaching assistant   September 2023 - Present

- Assisted in Programming Algorithms courses; guided students in logic-building and debugging.
- Graded assignments and mentored students on coding best practices.
- Designed and delivered lab materials and practical exercises to enhance student's hands-on coding skills.
- facilitated group discussions and coding workshops to improve collaborative problem-solving among students.

COURSE AND CERTIFICATION

Data Science *[certificate]*   *13 December 2024 - 13 December 2026*

- Covered advanced topics in Machine Learning, Deep Learning, Artificial Intelligence and Big data Security. focused on building predictive models and deploying them in cloud-based environments, using tools like TensorFlow and cloud platforms such as GCP and AWS.

Data Analytics Bootcamp *[certificate]*   *January 2024*

- An intensive bootcamp focused on Exploratory Data Analysis (EDA), Predictive Analytics, and Data-Driven Decision Making using tools such as Python, SQL, Power BI, Tableau, and Looker Studio. Emphasized practical skills for real-world business data problems.

Cisco *[certificate]*   *march 2022*

- Learned the fundamentals of programming in C, including data structures, file manipulation, and algorithm design-providing a strong foundation for software development and data processing.

TECHNICAL SKILLS

- Data Analytics & Visualization : Power BI, Tableau, Looker Studio
- Programming & Databases : SQL, Python, Java, C++, JavaScript
- Database Management : SQL Server Management Studio, MySQL Workbench, MongoDB
- Cloud & Big Data : Google Cloud Platform (GCP), Amazon Web Services (AWS), Hadoop, Spark
- Machine Learning & Deep Learning : Scikit-Learn, PyCaret, TensorFlow, NLP.
- Tools : Jupyter Notebook, Github, Streamlit, Visual Studio Code, Google Collab.

PERSONAL SKILLS

- Problem Solving
- Analytical Thinking
- Team Collaboration
- Effective Communication
- Time Management