

Muhammad Jodra Armiza

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GitHub: github.com/jodraarmiza

Portfolio: jodraarmiza.github.io/personal-website/

EDUCATION

Bina Nusantara University, Jakarta

August 2022 - Present

Bachelor of Computer Science, 5th Semester

Relevant Courses: Database Systems, Machine Learning, Software Engineering

GPA: 2.96

PROFESSIONAL SUMMARY

Focused Data Analyst, Data Engineer, Software Developer, and Front-End Programmer with a passion for machine learning and solving real-world problems. Seeking an internship to apply my skills in impactful projects.

TECHNICAL SKILLS

Programming Languages: Python, SQL, Java, C, R, HTML, CSS, JavaScript

Tools: Tableau, Git, Figma, Cloudera, CISCO, Eclipse, VmWare

Databases: PostgreSQL, MongoDB

Machine Learning: Scikit-learn, Pandas, NumPy

PROJECTS

Alzheimer Classification Research (Data Analytics)

2024

- Developed a machine learning model to classify Alzheimer's disease, achieving 100% accuracy.
- Processed and analyzed 1,000+ medical data points, applied feature selection and hyperparameter tuning.
- Created visualizations using Pandas and Matplotlib to present results.

VetDoc Website Design (Software Engineering)

2024

- Collaborated on designing a web-based pet health consultation platform to assist users in diagnosing common pet health issues.
- Worked on the UI/UX design using Figma to ensure an intuitive and user-friendly interface.
- Developed the front-end using HTML and CSS to create responsive and visually appealing pages.

Digital Image Encryption (Cryptography)

2024

- Developed an image encryption system using a combination of unimodular matrices and logistic maps.
- Implemented data encryption and decryption processes to secure image data, with an emphasis on cryptography algorithms.
- Worked with Python and the PIL library to handle image manipulation and data processing, ensuring secure data storage and transmission.

CERTIFICATIONS

C Programming For Beginners

Udemy

Date: Nov. 2024

Length: 25.5 hours

100 Days of Code: The Complete Python Pro Bootcamp

Udemy

Date: Nov. 2024

Length: 56.5 hours

Learn Ethical Hacking From Scratch

Udemy

Date: Nov. 2024

Length: 15.5 hours

Data Analyst Skillpath: Zero to Hero in Excel, SQL & Python

Udemy

Date: Nov. 2024

Length: 23 hours

EXTRACURRICULAR ACTIVITIES

TFISC Activist, Human Capital Division

2023

- Coordinated campus-wide events, managing participant data and logistics.

ADDITIONAL INFORMATION

Languages: Fluent in English and Indonesian

Interests: Data Engineering, Software Development, Data Analytics