FAJAR FATHA ROMADHAN
Programmer and Developer
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ABOUT ME

Graduate of Informatics Engineering Study Program, Trunojoyo University, Madura with Cumlaude predicate. As a Bachelor of Computer Science, I have studied and been involved in various aspects of computer science ranging from programming, databases, and computer networks. Expertise is mainly focused on Machine Learning and Web Programming. I have several programming skills using the Python, PHP and JavaScript programming languages, besides also experienced in using Database Management System with MYSQL and PostgreSQL. I also have experience using Front-End tools such as html, css, and some of its libraries

EDUCATION

Trunojoyo University   **(2020–2024)**
S1 Informatics Engineering
- GPA : 3.84/4.00
- TOEFL ITP score : 476
- Undergraduate Thesis Title : Depthwise Separable Convolution untuk Reduksi Parameter pada Identifikasi Tingkat Kesadaran Pengemudi dalam Berkendara dari Data Video dengan Convolutional LSTM
- Degree : Bachelor of Computer

WORK EXPERIENCE

1. **CV NATUSI - Mojokerto**
   Web Programmer (contract employees)   **(Oktober 2024–Now)**
   - Responsible for designing, developing, and maintaining websites
   - Manage Database
   - Responsible for ensuring the system runs well, debugging and optimizing, and solving problems related to the website to suit client requests.

2. **Machine Learning Engineer**
   (Freelance)   **(2024)**
   - Conducting EDA (Exploratory Data Analysis), analyzing data to understand characteristics, patterns, and relationships.
   - Building a machine learning model architecture
   - Perform model training
   - Model evaluation and analysis

ORGANIZATION EXPERIENCE

1. **WARGALAB Informatics Engineering - Trunojoyo University, Madura**
   Member   **(2021–2023)**
   - Responsible for the success of the informatics engineering laboratory
   - Becoming a practical assistant for the informatics engineering study program

LICENSES AND CERTIFICATIONS

1. Certificate of Competence Computer Network - Junior Computer Network Technician
2. Participant Certificate of Seminar Nasional Teknologi dan Sains (STAINS) with the research title : Identifikasi Tingkat Kesadaran Pengemudi dari Data Video dengan Menggunakan Convolutional Long Short Term Memory.
   Publication Link : https://proceeding.unpkediri.ac.id/index.php/stains/article/view/4104
3. Intellectual Property Rights "Deteksi Kelelahan Berupa Kantuk untuk Memberikan Peringatan Kewaspadaan pada Pengemudi dengan Menggunakan Pendekatan Berbasis Deep Learning untuk Data Time Series"
   Link : https://e-hakcipta.dgip.go.id/legal/c/M2FhNWY5ZmM3MzkzODJjNGQzMzg0NmFkYWY5ZTIxNDgK

SKILLS

Hard Skills :
- Programming (Python, PHP, Javascript, and its libraries)
- PHP Framework (Laravel, CodeIgniter)
- Database Management System (MySQL, PostgreSQL)
- Front-End tools (HTML, CSS and its libraries)
- Version control system (GIT, GITHUB)
- Office Tools (Microsoft Word, Microsoft Power Point, Microsoft Excel)
- Basic Computer Network (minor)

Soft Skills :
- Analytical Thinking
- Teamwork
- Time Management
- Problem Solving

SOCIAL MEDIA

- LinkedIn : https://id.linkedin.com/in/fajar-fatha
- GitHub : https://github.com/FajarFatha
- Website : https://fajarfatha-profile.web.app/