Felliks Feiters Tampinongkol

Data Science

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EDUCATION

2016-2018 | Bogor Agricultural University
GPA: 3.39
Master of Computer Science,
Faculty of Mathematics and Natural Sciences

2010-2015 | University of Sam Ratulangi
GPA: 3.19
Bachelor degree of Mathematic,
Faculty of Mathematics and Natural Sciences

TRAINING & CONFERENCE

2019 | University of Sam Ratulangi
International Conference on Operation Research.
I was presenting my research about detection canopy cover change.

2019 | Edinburgh Center for Carbon Innovation
Training about remote sensing.
Especially of earth observation and monitoring for forest change

2018 | Bogor Agricultural University
Training about Light Detection and Ranging (LiDAR) Data.

INTEREST

LEARNING & SKILL
- Python
- R Studio
- MATLAB
- Image Processing
- Machine Learning / Modeling
- Natural Science
- Big Data
- Operations Research

ABOUT ME

I'm Felliks born in December 1992, I'm currently focused on Python and R programming languages, especially for big Data analysis, Image Processing and Natural language Processing (NLP). I'm also very interested in software development, web development and artificial intelligent (AI) focused on develop automatically system. The special one I love shared everything knowledge on me, and you can find me on github @firstime09.

EXPERIENCE

LECTURER and SECRETARY of DATA SCIENCE DEPARTMENT
Universitas Bunda Mulia (UBM) / 2020 – Present

I'm focused on the field of data science, serving as a lecturer in Artificial Intelligence and Machine Learning, while also holding the role of secretary for the study program in August 2024. My primary responsibilities as a lecturer include teaching, conducting research, and engaging in community service.

RESEARCHER
FOREST 2020 INDONESIA / 2018 - 2020

Develop automatically system on earth observation for monitoring all Indonesia Forest changes. The programming language used Python and R Studio, for develop the machine learning (ML) model.

LAB. ASSISTANT IMAGE PROCESSING
Computer Science (IPB) / 2017 - 2018

The task as a lab. Assistant is to teach the practice of images processing with a programming language that has been explained in the main class theory. The programming language used Python.

PUBLICATION

- Felliks Tampinongkol, Altien Rindengan, Luther Latumakulita. 2015. Aplikasi Fuzzy Goal Programming (Studi Kasus: UD. Sinar Sakti Manado). D'CARTESIAN.
- Felliks Feiters Tampinongkol, Yeni Herdiyeni, Elis Nina Herliyana. 2020. Feature extraction of Jabon (anthocephalus sp) leaf disease using discrete wavelet transform. TELKOMNIKA
- Hudjimartsu S, Tampinongkol F, Rudianto Y, Setiawan Y, Prasetyo LB. 2020. Canopy Cover Estimation based on Support Vector Regression derived from Lidar & Landsat 8 OLI. 40th Asian Conference on Remote Sensing, ACRS 2019.
- Tampinongkol F, Hudjimartsu S, Nursal W, Prasetyo L, Setiawan Y, Dewi R. 2021. Canopy Cover Estimation Based on LiDAR and Landsat 8 Data using Support Vector Regression. International Conference on Data and Software Engineering (ICoDSE).

PUBLICATION

- Tampinongkol FF, Basri H, Herdian C dan Halim L. 2023. Identifikasi Penyakit Daun Tomat Menggunakan Gray Level Co-occurrence Matrix (GLCM) dan Support Vector Machine (SVM). Jurnal Ilmu Komputer dan Teknologi Informasi 8 (1), 08-16.
- Herdian C, Tampinongkol FF, *et al*. 2023. Prediksi Harian Harga Penutupan Dogecoin: Analisis Faktor Pengaruh dan Algoritmanya. Techno Xplore: Jurnal Ilmu Komputer dan Teknologi Informasi 8 (1), 17-27.
- Lastian A dan Tampinongkol FF. 2023. Implementasi Augmented Reality dalam Melakukan Display Produk Device pada Marketplace Menggunakan Android. Jurnal Pendidikan dan Teknologi Indonesia 3 (8), 317-327.
- Jericho J, Tampinongkol FF dan Suryantara IGN. 2023. Penerapan Augmented Reality pada Aplikasi Learn Chinese for Kids untuk Meningkatkan Minat Belajar Mandarin Siswa. Journal of Animation and Games Studies 9 (2), 145-158.
- Tampinongkol FF, *et al*. 2023. Perbandingan Metode GLCM dan DWT Dalam Mengekstraksi Ciri Penyakit pada Daun Tomat (Solanum lycopersicum syn). Techno Xplore Jurnal Ilmu Komputer dan Teknologi Informasi 8 (2).
- Herdian C, Kamila A, Tampinongkol F, Kembau A.S, Budidarma IGAM. 2024. One-hot encoding feature engineering untuk label-based data studi kasus prediksi harga mobil bekas. Informasi Interaktif: Jurnal Informatika dan Teknologi Informasi 9 (1), 10-16.
- Aprilia, K, Lee, F.S, Geasela, Y.M, Everlin, S, Tampinongkol, F.F. 2024. Design of Enterprise Architecture Using Zachman Framework at Private School in Center Jakarta. Journal of Computer Science, 2024, 20(9), pp. 1059–1068.
- Tampinongkol FF. *et al*. 2024. Identifikasi Ciri Link Phishing Menggunakan Algoritma Random Forest Untuk Meningkatkan Keamanan Cyber. Techno Xplore: Jurnal Ilmu Komputer dan Teknologi Informasi 9 (2), 60-67.

TRAINING

2023 | Adobe Photoshope
Successfully completed and passed the Adobe Photoshop certification.

CONFERENCE

2019 | University of Sam Ratulangi
International Conference on Operation Research in Manado

2021 | Institut Teknologi Bandung (Online)
International Conference on Data and Software Engineering (ICoDSE).