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https://rizalmaulanaa.github.io/

EDUCATION

Graduate of Computer Science,   Sep 2020 – July 2022
University of Indonesia, Depok, West Java.

Undergraduate of Computer Science,   Aug 2016 - Feb 2020
University of Brawijaya, Malang, East Java.

High School, Science Department,   June 2013 - June 2016
SMA Laboratorium Percontohan UPI, Bandung, West Java.

EXPERIENCES

Assitant of Advance Machine Learning – Fasilkom, University of Indonesia   Feb 2021 – June 2022
Assistant of Advance Machine Learning. Teaching students to understand basic Python and Deep Learning using library TensorFlow.

Eksekutif Mahasiswa Informatika – Filkom, University of Brawijaya   Feb 2019 – March 2020
An organization that help to accommodate Computer Science's Student needed either on academic and non-academic sector. Member of Manajemen Sumber Daya Program Kerja, handled 5 program kerja from Eksekutif Mahasiswa Informatika.

Big Data and Analytic DEVT DIT Intership – PT. Telekomunikasi Indonesia   June 2019 – Sep 2019
Indonesian multinational telecommunications conglomerate.
1. Create Customer Segmentation by customer behavior from IndiHome customer at Cirebon City using K-Means.
2. Parsing data from Database status to excel files using Python programming language.

Mentor of Web Programming – Filkom, University of Brawijaya   Feb 2019 – May 2019
Mentor of web programming. Teaching students to understand PHP, HTML, and JavaScript Programming language.

House of Technology 2.0 – Filkom, University of Brawijaya   March 2019 – Nov 2019
Become Steering Committee for one competition. House of Technology is an IT competition event held by Faculty of Computer Science.

Eksekutif Mahasiswa Informatika – Filkom, University of Brawijaya   Feb 2018 – Feb 2019
Member of Departemen Pengembangan Ilmu dan Profesi that focuses on help Computer Science's Student on academic sector. Handled one competition in House of Technology 1.0.

ADDITIONAL INFORMATION

Languages: Fluent in Bahasa and English.

Achivement :

1. Speaker on Faculty of Computer Science University of Indonesia for Biomedical Image Analysis topic.

Publication:

1. Robustness of Probabilistic U-Net for Automated Segmentation of White Matter Hyperintensities in Different Datasets of Brain MRI – 2021 (First Author)
2. Probabilistic Deep Learning with Adversarial Training and Volume Interval Estimation - Better Ways to Perform and Evaluate Predictive Models for White Matter Hyperintensities Evolution – 2021 (Third Author)

You can see all my Preprint at https://www.researchgate.net/profile/Rizal-Maulana-6

Projects:

1. Tree Detection from Aerial Image using Dilated Residual U-Net.
2. Clustering Indonesian News Document using Seed-guided Deep Document Clustering.
3. Automatic Segmentation of White Matter Hyperintensities using Attention U-Net++.
4. Topic Extraction from newsletter with CLARA algorithm.
5. Create Customer Segmentation from IndiHome customer with KMeans algorithm.
6. Develop a web base ticket marketplace using CI framework.

You can see all my projects at https://github.com/rizalmaulanaa.