Rizal Maulana (Rizal)

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EDUCATION

Graduate of Computer Science,

Sep 2020 – July 2022

University of Indonesia, Depok, West Java.

Undergraduate of Computer Science,

Aug 2016 - Feb 2020

<u>University of Brawijaya</u>, Malang, East Java.

High School, Science Department,

June 2013 - June 2016

SMA Laboratorium Percontohan UPI, Bandung, West Java.

EXPERIENCES

Assistant 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.