

ANDIRA GITA NAWANGSARI.

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A recent graduate from intelligent system laboratory of Computer Engineering Major, experienced in developing machine learning and data visualization to contribute to research success. An award winning student researcher that developed machine learning approach for one of competition in GECCO 2021. Motivated to learn, grow and excel in machine learning and data analytics industry.

EXPERIENCE

MAR 2020 – FEB 2022

STUDENT RESEARCHER, INTELLIGENT SYSTEM LABORATORY, PNU

Preprocessing factory's data and using Subgroup Discovery and Genetic Algorithm approach on Python to find the major factors that causing defect on products.

Preprocessing factory's data and using Machine Learning and Genetic Algorithm approach on Python to find the combination of features that making the product, which was some sort of coolant engine, to get optimal efficiency and pressure drop.

AUG 2018 – NOV 2018

TEACHING ASSISTANT OF ENTERPRISE SYSTEM CLASS, INFORMATION SYSTEM DEPARTMENT, ITS

Teaching, preparing lessons, and providing feedback for student in Enterprise System Class, which learn about the usage of SAP in the enterprise.

JUL 2018 – AUG 2018

INTERNSHIP STUDENT, TELKOM INDONESIA REGIONAL DIVISION 5

Creating dashboard with JavaScript and PHP to view the availability of access point in the regional 5 of Telkom Indonesia.

JUL 2018 – AUG 2018

TEACHING ASSISTANT OF WEB-BASED PROGRAMMING CLASS, INFORMATION SYSTEM DEPARTMENT, ITS

Teaching, preparing lessons, and providing feedback for student in Web-Based Programming Class. Mainly teaching about the concept of MVC in website building and the implementation with bootstrap.

AUG 2017 – NOV 2017

TEACHING ASSISTANT OF OPERATING SYSTEMS FOUNDATION CLASS, INFORMATION SYSTEM DEPARTMENT, ITS

Preparing lessons, and providing feedback for student in Operating Systems Foundation Class. Mainly helps monitoring laboratory work where students learn about the foundation of Windows and Linux operation system.

EDUCATION

AUG 2019

BACHELOR OF COMPUTER SCIENCE, INSTITUT TEKNOLOGI SEPULUH NOPEMBER, INDONESIA

GPA: 3.75/4.0

Thesis: Sentiment Analysis for Indonesian Language Text On Social Media Using Universal Language Model Fine-tuning (ULMFIT) Case Study: E-commerce.

MAR 2022

MASTER OF SCIENCE, PUSAN NATIONAL UNIVERSITY, SOUTH KOREA

GPA: 4.44/4.5

Thesis: Optimization of Scheduling Strategies for Dynamic Stacking Problem in Uncertain Environment

AWARDS

- **JUN 2021**
1st place in Dynamic Stacking Optimization in Uncertain Environments competition that held by GECCO (international conference) in 2021

CERTIFICATIONS

- **AUG 2019**
Participant of Digital Talent Scholarship Machine Learning
- **OCT 2019**
AWS Certified Cloud Practitioner

SKILLS

- **LANGUAGE**
Experienced : Python
Familiar : Java, JavaScript, HTML, PHP
- **OTHER**
Experienced : MySQL, Machine Learning
Familiar : Tableau, Power BI, SAP, MongoDB, Redis, Amazon Web Service (AWS)