



Muhammad Ikhwan K. Nasution

FINAL YEAR TELECOMMUNICATION ENGINEERING STUDENT AT TELKOM UNIVERSITY

PROFILE

Final year student at Telkom University. Has experience as a Research Team Lead at Cyber-Physical System Laboratory Telkom University. Interested in a career as a Software Engineer / Data Scientist/ ML Engineer and proficient in using Python, Tensorflow, Flask, Fast API, and several Machine Learning Frameworks.

PERSONAL DETAILS

Birth date

25-03-2000

Address

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WORK EXPERIENCE

Database Administrator Intern

PT. TELKOM INDONESIA (PEMATANGSIANTAR, INDONESIA)

July 2020 - October 2020

- Responsible for inputting report to Telkom Website, then input data into Spreadsheet and input data into Powerpoint.

Research Team Lead

CYBER-PHYSICAL SYSTEM LABORATORY TELKOM UNIVERSITY
(BANDUNG, INDONESIA)

May 2020 - June 2021

- Responsible for conducting research in the field of Internet of Things (IoT) and managing several teams to work optimally.
- Achievement : Won a gold medal at the World Inventions and Technology Expo (WINTEX) and became a Runner-up at the Robotics Creativity Week, Padang State University.

Machine Learning Trainee

BANGKIT ACADEMY LED BY GOOGLE, TOKOPEDIA, GOJEK, & TRAVELOKA
(REMOTE)

February 2021 - July 2021

- Final Project : Aplod, Hate Speech Detector Android App. using Recurrent Neural Network (LSTM)
- Completed a comprehensive courses such as :
 - Google IT Automation with Python Specialization (Coursera)
 - Google IT Support Specialization (Coursera)
 - Mathematics for Machine Learning Specialization (Coursera)
 - DeepLearning.AI TensorFlow Developer Specialization (Coursera)
 - Structuring Machine Learning Projects by DeepLearning.AI (Coursera)
 - Tensorflow: Data and Deployment (Coursera)

Data Scientist Intern

CHICK-IN

August 2021 - Now

- Responsible for scrape data to generate a dataset
- Responsible for make Time-series ML Model to predict chicken price

Data Scientist Intern

TELKOM DIREKTORAT DIGITAL BUSINESS (DDB)

September 2021 - Now

- Recently joined

EDUCATION

Bachelor of Telecommunication Engineering

TELKOM UNIVERSITY

2018 - now

HARD-SKILLS

Python (Intermediate)



Tensorflow (Intermediate)

HTML (Basic)



CSS (Basic)

Javascript (Basic)

PROJECTS

-  Jaeger : Face Mask Detection System using Convolutional Neural Network (CNN)
-  Aplod : Hate Speech Detector Android App. using Recurrent Neural Network (LSTM)

ACHIEVEMENT

-  Won a gold medal at Indonesia Inventors Day (IID) in the World Inventions and Technology Expo (WINTEX) category with the title of work: Jaeger, Face Mask Detection System using Convolutional Neural Network (CNN), 2020.
-  2nd Place at Padang State University