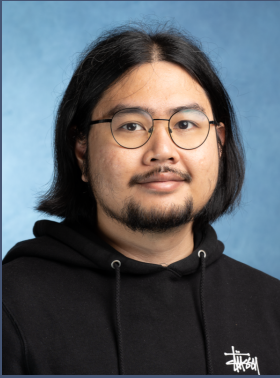


Adjie Wiratama **SALMAN**



PROFILE

Curious, driven and dedicated self-proclaimed machine learning engineer with a focus in deep-learning. Experienced in all things **machine-learning** related: **data engineering, data analysis, model training/selection and pipeline creation**. Proficient in python as well as well-known libraries such as pandas, numpy, sk-learn and pytorch. Although experienced, still thirsts for more and even more.

CONTACT DETAILS

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☎ +49 1794301665
🌐 github.com/ratboitripleseven

PERSONAL INFORMATION

Citizenship: **Indonesian**
Family: **Single without children**
Languages: **English** (C1),
German (B2), **Indonesian** (native)

SKILLS

- Python, Pandas, Numpy, Sk-learn, Pytorch, Biopython, Snakemake
- R, Matlab, SQL, Git, C/C++, C, SQL (MySQL)
- MS Word, Excel, PowerPoint, Pycharm, VS Code, Latex
- Team player, driven, motivated

EXPERIENCE

DEEP LEARNING RESEARCH ASSISTANT at *University of Duisburg-Essen*
06/2022 – 10/2023

- ◇ Training and evaluating various deep learning architecture (CNN, LSTM, GRU, Transformer) on image and sequential dataset.
- ◇ Assisting in selection of evaluation methods for generated images.

INTERNSHIP: LAB ASSISTANT at *Huawei Technologies GmbH*
08/2021 – 03/2022

- ◇ Day-to-day maintenance of Openlab Düsseldorf.
- ◇ Server maintenance of remote testing suite.
- ◇ Analysis of the Matter home protocol.

WORKING STUDENT: LAB ASSISTANT at *Huawei Technologies GmbH*
02/2021 – 08/2021

- ◇ Assisting in the setup of Openlab Düsseldorf under the department of Programming and Engineering of München Research Center.
- ◇ Testing applications of undisclosed OS.

WORKING STUDENT: DATA ENGINEER at *SICK GmbH*
01/2020 – 04/2020

- ◇ Continuation of internship responsibilities.

INTERNSHIP: DATA ENGINEER at *SICK GmbH*
08/2019 – 10/2019

- ◇ Analysing database of service information: assisting in the identification of critical data to generate added value for customers, assisting in the development of interfaces for a product using SQL and also providing documentation for the interfaces and the development.

EDUCATION

MASTER OF SCIENCE (1.8): Computer Eng.: Intelligent Networked System
University of Duisburg-Essen.

2020 – 2024

- ◇ Thesis title: *Identification of Horizontal Gene Transfer by using machine learning.*

BACHELOR OF SCIENCE (2.3): Computer Eng.: Communications Engineering
University of Duisburg-Essen.

2014 – 2020

- ◇ Thesis title: *Spiking Neural Network.*

PROJECTS

HORIZONTAL GENE TRANSFER IDENTIFIER:
<https://github.com/ratboitripleseven/NewGenes>
◇ Master thesis.

SARS-CoV-2 VARIANTS IDENTIFIER:
<https://github.com/DSiB-G2/G2-CovPipeline>
◇ Data science master project at the institute for artificial intelligence in medicine of university hospital Essen.
◇ Creation of a python-based pipeline using the Snakemake workflow for Genome analysis and identification of Covid virus variant.

DEGREE RECOMMENDER:
<https://thedata dreams3-gmail-com.github.io/>
◇ Project for the course learning analytics.
◇ Creation of degree recommender using natural language processing techniques.