

Muhammad Nabil Fadhlurahman

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I am a motivated, ambitious, and disciplined student with passion in learning Mathematics, especially Applied Mathematics and Statistics. My experience in organization provides me with better analyzing and strategic skills to solve problems and have the skills to think creatively in approaching the problem and come up with unique solutions also shaping me to be a better team player. I'm lucky enough to have a lot of experience in the field of data science and I'm still working on my craft because I love it! I am open to feedback that can be used to improve my performance and work cooperatively with other people to achieve the best result.

EDUCATION

BSc in Mathematics, Institut Teknologi Bandung

Specialization : Statistics and Combinatorial Mathematics

2019 - Present

INTERNSHIP EXPERIENCES

Artpedia

- **Data Engineer (Part time)**

2021-2022

1. Crawling and Querying NFT Data
2. Sentiment Analysis for NFT Twitter.

Ctscope

- **Data Analyst (Intern)**

2020-2021

1. Managing and having research on Healthcare and Medical information Data.
2. Helping improve and optimize business processes.
3. Mortality rate Forecasting for Covid-19

ORGANIZATIONAL EXPERIENCES

Robotics Club ITB

- **Project Manager, Research and Exploration Team**

2021 – Present

1. Managing Exploration about Tech especially in Informatics and Electrical Engineering.
2. Conducting Research about Data Science and Machine Learning.

Himpunan Mahasiswa Matematika ITB

2020 – Present

- **Senior Member, Internal Division BP HIMATIKA ITB 2020-2021**

1. Helps HIMATIKA make decisions and synergize with other student organizations.

- **Head of Web Development Mathematical Challenge Festival 2022 (MCF 2022)**

1. Doing day-to-day as a PM for Developing a Website
2. Creating Landing Page for MCF 2022
3. Designing MCF 22 web rough sketches

Kementerian Museum Data Kabinet Arunika KM ITB

2020 – 2021

- **Analyst**

1. Analyze Data from surveys or internal data and look for insight from data and help stakeholders to make better decisions.
2. Design infographic chart for survey conducted by Kemenkoan Kesejahteraan Mahasiswa, Keluarga Mahasiswa ITB regarding Sexual Harassment situation in ITB.

link to project: <https://data.km.itb.ac.id/infografis/pelecehan-seksual-di-itb-masa-sih>

Unit Ganesha Interactive Media GIM ITB

- **Head of Programming**

Lead and Held Various activities :

1. Programmers Lab : Platform to showcase and share skill or product between GIM-ITB Programmers.
 2. GIM- MIC Programming : Podcast to share programming experience in the industry ;
 3. Game or App Development, Provide Game Development training for total newbie to intermediate programmer.
- Provide content related to Game Development and Digital industry. 2020 – 2021

OTHER EXPERIENCES

- **Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka**

Machine Learning Cohort :

February 2023 – Present

Bangkit 2023 ML program awardee

Selected as ML Engineer Apprentice for Bangkit Company based Capstone Project at Dicoding Indonesia

Work at Dicoding :

1. Creating Matchmaking Algorithm by measuring Cosine Similarity and other metrics that will be used to be a variable in a weighted sum (mentee to mentors compatibility)
2. Create Sentiment Analysis of a Feedback by Mentee to mentors
3. Create Text Summarization for mentors of mentee's Feedback

Link to project : <https://github.com/C23-MP02/ML-mentoring-platform>

SKILLS

Language	: Indonesia, English, German.
Programming Language	: Python, R, Matlab
Technology	: Tensorflow, Spacy, NLTK, OpenCV, Pandas, Numpy, Matplotlib, Seaborn
Tools	: Vscode, Anaconda, Git, Github, RStudio

AWARD

3rd Place in Datavidia by Arkavidia HMIF ITB

2023

Datavidia is a competition that aims to be a place for competency development and competition between Indonesian digital talents, especially in the world of data science, to make wise and directed decisions.

Links to repo :

Weather Forecasting : <https://github.com/abilcode/weather-forecasting>

Earthquake time to failure Prediction : <https://github.com/abilcode/earthquake-prediction>



Participated and became a finalist in the Data Analytics Competition by Cybertrend. We were able to make the top 10 out of 250+ teams in Indonesia in the Students Category. In this competition My team and I conduct research with a title "Jakarta Tourism Resilience through Covid 19". After choosing the topic, we prepare and proceed with data from open source data, like Jabar Open Data and Jakarta Open Data. After collecting and Scraping Data, we Make Dashboard for Reporting insight to stakeholders.



My two friends and I got funded on Pekan Kreativitas Mahasiswa 2020. We have a goal to make Solar Energy available for everyone, not only in the downtown area, but also for people who live remotely. So our project goes by the name LSTHE, Lampu Hemat Energi Terkendali Arus Bertenaga Surya dengan Metode Pulse Width Modulation sebagai solusi penerangan untuk 3T. With the help of Dr. Tri Desmana Racmilda from Department of Electrical and Electronics Engineering ITB, we want to make energy become really accessible for everyone.



CERTIFICATION

Selected Data and Analytics Related Certificate

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|---|--------------------------------------|
| 1. Mathematics for Machine Learning | (Imperial College London Coursera) |
| 2. Machine Learning | (Stanford Coursera) |
| 3. Deeplearning.AI Tensorflow Developer | (Deeplearning.AI Coursera) |
| 4. Tensorflow Data Deployment | (Deeplearning.AI Coursera) |