

OKI SETIAWAN

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Bachelor's Degree in Physics with a focus on geophysics and atmospheric physics from Universitas Negeri Yogyakarta (UNY). Completed a 4-month internship as a Research Assistant at Badan Riset dan Inovasi Nasional (BRIN) in Bandung, i focused on applying Machine Learning and Deep Learning to weather phenomenon, enhancing my expertise in physics, data processing, and data science. Aspiring to contribute as a data analyst, data science with a strong interest in developing and applying machine learning solutions to drive data-driven decision making-making and innovation.

EXPERIENCE

ACCENTURE NORTH AMERICA	(Remote) Magetan, East Java
Data Analytics and Visualization Job Simulation on Forage – Certificate Link	2024

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders

BADAN RISET DAN INOVASI NASIONAL (BRIN)	Bandung, West Java
Research Assistant – Certificate Link	2022-2023

- Compile and processed satellite data from several science project website to analyze patterns and predict weather outcomes
- Cleaned and procesed the satellite data with Microsoft Excel and designing prediction model of climate and weather using Python based of Machine Learning
- Analyzed key weather factors contributing to climate change, such as wind at different atmospheric heights, temperature, and air patterns, to enhance the accuracy of climate prediction models
- Presented analyzed data to advisors, delivering insights on climate and weather patterns based on satellte data and machine learning project

UNIVERSITAS NEGERI YOGYAKARTA	Sleman, Yogyakarta
Research Assistant	2021

- Guiding the students in conducting basic physics research
- Assisting the lecturer in assesing students work

ORGANIZATION AND COMITEE

ART AND CULTURE FESTIVAL	Magelang, Central Java
Public Relation	2022

- Managing invitation letter for community leaders of Magelang Regency
- Distribute invitation letters to community leaders of Magelang and important figures who participated
- Take care of permits to hold a festival event

PHYSICS STUDENTS ASSOCIATION	Sleman, Yogyakarta
Student Representative Forum	2021-2022

- Reporting student's aspiration from physics class to Physics Students Association
- Convey informaton from Student Association to Physics students

SOCIAL ACTION	Sleman, Yogyakarta
Operator and Logistik	2021

- Responsible for decide and preparing the tools and materials that needed for social action's activity

- Distributing social assistance to people in need

GENERAL ASSEMBLY OF PHYSICS

Sleman, Yogyakarta
2020

Security

- Lobbying the relevant parties or figures to prepare the necessary place for the activity
- Menjaga ketertiban dan keamanan peserta sidang umum
- Maintain order and security of event participants

EDUCATION

UNIVERSITAS NEGERI YOGYAKARTA

Sleman, Yogyakarta
2019-2023

Bachelor of Science - Physics | GPA : 3.62 (Cum Laude)

- Final Task Title : Developing prediction model for monthly rainfall using multivariate LSTM (Long-Short Term Memory) method in Jakarta
- Achievements : Highest Grade Point Average (GPA) of physics study program on December 2023 graduation period
- Member of chess and arcery student activity unit in Universitas Negeri Yogyakarta

SMA NEGERI 1 KAWEDANAN

Magetan, East Java
2015-2018

Science

- Achievements : Highest national final exam scores in SMAN 1 Kawedanan
- Member of ROHIS in SMAN 1 Kawedanan

SKILLS

- Document (Ms. Word & Google Docs)
- Spreadsheet (Ms. Excel & Google SpreadSheet)
- Presentation (Ms. Power Point & Google Slide)
- Python Programming Language (Anaconda & Google Collab)
- Machine Learning (SARIMA)
- Deep Learning (ANN, RNN & LSTM)

CERTIFICATION

([Certificate Link](#))

- [TOEFL](#) - Brighten English, Kediri | score : 603
- [Introduction to Numpy](#) - MySkill
- [English for Employee](#) - yec.co.id
- [Microsoft Excel for Admin Staff](#) - yec.co.id