



## Arya Nitya Kusuma Dewa

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“A graduate with a Bachelor of Science from Diponegoro University who enjoys meeting and working with new people to broaden horizons and sharpen skills. During my studies, I developed strong communication skills, the ability to work in a team, and a passion for learning new things. This is evidenced by my active involvement in various social activities. Additionally, I have experience as a laboratory assistant. I have an interest in materials and exploration, as well as a strong desire to pursue a career in the mining industry.”

### EDUCATION

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#### Bachelor of Science

August 2019 - February 2025

Majoring in Physics • Diponegoro University • Semarang • 3.07

My final project was the synthesis of Zinc Oxide using the precipitation method and its application on cotton fabric as an antibacterial agent and to enhance the hydrophobic properties of the fabric.

### EXPERIENCE

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#### Laboratory Assistant

##### A Basic Physics Laboratory Assistant

January 2021 - November 2022

- Assisting lecturers in preparing several practicum modules, setting up the equipment used for practicum, guiding and supervising practicum participants, and also correcting practicum reports from participants.

##### Materials Laboratory Assistant

December 2023 - November 2024

- Assisting lecturers in preparing the laboratory usage schedule, preparing equipment and materials used for student research, operating sample testing instruments such as UV-Vis spectrophotometry, guiding and supervising student research, recording sample testing data for student research, and also conducting regular checks on equipment and materials in the laboratory.

### SOSIAL ACTIVITIES

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#### Kampus Mengajar

##### Universitas Diponegoro • Volunteer Participant

January 2023 - February 2023

- The lack of teaching staff at Elementary Schools 2 and 3 in Tempurharjo Village, Eromoko District, Wonogiri Regency led me to coordinate with the school principal and obtain permission to help fill the vacant teaching schedules for grades 1, 2, and 4. My friends and I took turns filling these gaps, introducing the concept of "learning through play." In grade 4, I taught about electromagnetism, specifically the properties of magnets. The students were familiar with magnetic-based tools or objects but did not realize they were magnets. I was delighted to introduce something new and change the perception that physics is intimidating into the idea that physics is fun.

#### Kampus Peduli

##### Universitas Diponegoro • Volunteer Participant

January 2023 - February 2023

- My friends and I assisted the youth organization of Bokuning Village, Eromoko District, Wonogiri Regency in establishing and realizing an out-of-school learning institution for elementary school children in Bokuning Village, named "Sanggar Baca". We organized the management structure, assigned teaching staff based on age groups, selected the location, and handled the necessary permits. My role focused on developing the learning modules, which included creating the learning schedule, defining the vision and mission of "Sanggar Baca", planning future activities, and outlining the objectives of its establishment.
- I conducted a self-funded book donation drive for "Sanggar Baca" and also managed the submission of a proposal to the Wonogiri District Library to obtain reading books. As a result, we received two boxes of books and some cash donations, which I used to purchase additional reading books.

### BUSINESS EXPERIENCE

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#### Jingga Shoesclean

December 2021 - Present

- A shoe cleaning service located at KH Samanhudi Street No. 125, Surakarta, with the Instagram handle @Jingga\_Shoesclean. I started this business on December 30, 2021, with limited capital, and it has remained operational until now. The highest revenue I have earned in one week is Rp 1,020,000.00.

- I manage social media, marketing, bookkeeping, and also handle the execution or shoe cleaning for Jingga Shoesclean.

## **SKILLS**

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- Meticulous, able to work accurately and pay attention to small details.
- Disciplined and responsible, consistent in completing tasks on time.
- Able to work in a team or individually, capable of collaborating or working independently effectively.
- Good communication skills, able to convey ideas or interact with colleagues effectively.
- Quick learner and easily adaptable, able to understand new tasks and adjust to the work environment.
- Solution-oriented, able to solve problems with an effective approach.

## **PROFICIENT IN**

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I am proficient in several basic software programs, such as:

- Microsoft Office (Word, Excel, PowerPoint)
- Research data processing software: MDI Jade 6, ImageJ, Origin
- Editing software: Adobe Photoshop, CorelDRAW, Canva, and Ibis Paint X

