



DEWI ASTUTININGTIAS LESTARI

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Klaten, Jawa Tengah.

Engineering Physics graduate from Universitas Gadjah Mada with research experience in medical imaging using machine learning and strong skills in Python, data preprocessing, and signal processing. Solid foundation in instrumentation and control systems, complemented by proficiency in statistical analysis, data visualization, and collaborative problem solving.

Education

Universitas Gadjah Mada - Yogyakarta, Indonesia

Aug 2021 - Jul 2025

Bachelor of Engineering Physics, 3.36/4.00

- Participated and contributed in several organizations and committees
- Became a basic informatics laboratory assistant
- Became a calculus teaching assistant
- Became a process technology laboratory assistant

Work Experience

Universitas Gadjah Mada - Yogyakarta

Jan 2025 - May 2025

Process Technology Laboratory Assistant

- Facilitated class activities and managed course materials through the Learning Management System (LMS).
- Assisted in delivering basic process technology practicum sessions, guiding and supervising undergraduate students during laboratory work.
- Conducted student assessments and provided constructive feedback.
- Coordinated with lecturers to ensure smooth class execution and alignment with academic objectives.

PT Len Industri - Bandung

Jan 2024 - Feb 2024

Assistant Project Manager

- Participated in meetings with internal and external project stakeholders, both domestic and international.
- Contributed to preparing reporting schemes and drafting Minutes of Meeting (MoM).
- Assisted in decision-making processes related to the project S-Curve.
- Collaborated with engineers in preparing the final internship report.

Universitas Gadjah Mada - Yogyakarta

Sep 2023 - Dec 2023

Assistant Lecturer of Calculus

- Delivered tutorials for two 5-credit classes with a total of 128 students.
- Conducted additional tutorial sessions prior to mid-term (UTS) and final exams (UAS), alternately for each class.
- Assisted students in understanding lecture materials and solving complex calculus problems.
- Supported lecturers by providing feedback on students' progress and class participation.

Universitas Gadjah Mada - Yogyakarta

Sep 2022 - Dec 2022

Basic Informatics Laboratory Assistant

- Managed class activities and materials using the Learning Management System (LMS).
- Assisted 25 students in understanding Python programming concepts and completing practicum tasks.
- Conducted assessments and provided constructive feedback to support student learning.
- Facilitated discussions and offered additional tutorials for students who faced difficulties.

Organizations & Events

Kamalogis - Yogyakarta

Feb 2023 - Feb 2024

Staff Research and Development

- Participated in alumni sharing activities
- Participated in public lecturer and several seminars related to instrumentation

Dinamika - Yogyakarta

Sep 2022 - Mar 2023

Event Creative Staff

- Responsible for the TOR and breakdown of several events.
- Participated in channeling ideas in the event division meetings.

BEM KMFT UGM - Yogyakarta

Mar 2022 - Dec 2022

Ministry of Academic Affairs and Investment Staff

- Became an event division committee in the "International Visit 2022" work program in September 2022.
- Became the Master of Ceremony at the "Infoday 2022" event in May 2022.
- Became a committee member of the Public Relations division at the "Infoday 2022" event.

Gadjah Mada Career Festival 2022 - Yogyakarta

Aug 2022 - Dec 2022

Event Creative Staff

- In charge of photobooth concept and realization
- Coordinate with the equipment division regarding the room and needs for technical meetings with companies and partners.
- Being the first party representative to carry out MoUs with several food court partners.

Dewan Energi Mahasiswa - Yogyakarta

Nov 2021 - Nov 2022

Treasurer of the Directorate General of Oil and Gas Research

- Became the Master of Ceremony at the Energy Class event in July 2022.
- Responsible for cash flow of Directorate General of Oil and Gas Research members.

Ramadhan di Kampus UGM - Yogyakarta

Feb 2022 - May 2022

Event Creative Staff

- In charge of Rundown in one of the activities
- In charge of logistics and spatial planning in one of the events
- Participated in channeling ideas in the event division meeting

Lembaga Penelitian dan Kajian Aplikatif FT UGM - Yogyakarta

Nov 2021 - Aug 2022

Head of Research Preneur Department

- Became the coordinator of the "Start-up Business" work program in 2022-2023
- Became the Chief Financial Officer in the "Start-up Business" work program in April 2022
- Became an event division committee in the "Talkshow PKM 2022" work program in August 2022.

Blast Out 2022 - Yogyakarta

Nov 2021 - Feb 2022

Staff of Public Relations, Publications, and IT Division (Sub-division: Public Relations)

- Negotiate with guest stars and keynote speakers regarding MoUs.
- Coordinate with internal and external parties related to Blast Out 2022 until the Blast Out 2022 event is well organized.

Balairung Klaten Association - Yogyakarta

Oct 2021 - Oct 2022

Treasurer of Public Relations Division

- Coordinate with the Head of Public Relations Division to make a Budget Draft every three months.
- Responsible for the cash flow of the Public Relations Division and make an accountability report every 3 months

Interests and Skills

- **Interest:** Data Analytics, Machine Learning, Web Dev, Signal Processing, Internet of Things, Instrumentation, Control Systems, Project Management, Energy
- **Soft Skills:** Problem Solving, Analytical Thinking, Critical Thinking, Communication, Teamwork & Collaboration, Time Management, Adaptability, Project Management Basics
- **Hard Skills:** Microsoft Office, Google Workspace, Python (NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow), Data Visualization, Statistics & Machine Learning (classification, regression, image processing), AutoCAD, Tinkercad, Proteus, Technical Documentation, Business Presentation, Basic Engineering Design Knowledge