



# Febiola Johana

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## PROFILE

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I am bachelor of science from Padjadjaran University with Physics major who is interested in the field of analysis. I am a passionate communication, hard worker, self-challenger, endless learner, problem solver.

## EXPERIENCE

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### **Career Development Center Padjadjaran University**

*Vice Manager Tracer Study and User Survey Intern* [Oct 2023 – March 2024]

- Utilizes advanced data management tools to ensure accuracy, completeness, and integrity of alumni information.
- Analyzes and interprets extensive data sets related to Unpad alumni, employing statistical methods and data analysis tools.
- Designs visually appealing and informative infographics highlighting key trends, achievements, and milestones within the Unpad alumni community.
- Compiles and generates weekly reports on tracer studies, synthesizing findings and trends within specified timeframes.
- Crafts compelling and informative articles focused on the outcomes of tracer studies conducted on Unpad alumni.

### **Akademi Metrologi dan Instrumentasi**

*Laboratory Assistant of Acquisition and Data Communication* [2023]

- Proficiently overseeing the data acquisition systems within the laboratory.
- Conducting regular calibration of data acquisition instruments to maintain precision and reliability.
- Skillfully analyzing acquired data using various software tools.
- Providing training and support to laboratory users on the proper use of data acquisition systems.
- Actively collaborating with researchers, laboratory staff, and faculty members to align data acquisition processes with research objectives.

### **Padjadjaran University**

*Laboratory Assistant of Expertise Physics* [2023]

- Proficiently aiding in the planning and execution of physics experiments, ensuring the proper arrangement of equipment and materials.

- Skillfully collecting experimental data using advanced instruments and assisting students in the thorough analysis of generated data.
- Implementing and enforcing stringent laboratory safety protocols.
- Offering tailored academic support to students, aiding in the comprehension of intricate physics concepts relevant to specific experiments.
- Collaborating seamlessly with lecturers and fellow laboratory staff to streamline physics practical sessions.

### **Padjadjaran University**

#### *Laboratory Assistant of Experimental Physics [2023]*

- Perform laboratory supervision tasks according to the schedule and objectives.
- Carrying out laboratory procedures according to the instructions and modules provided by the laboratory instructor.
- Responsible for availability of laboratory equipment and material.
- Analyze and assisted report of the experiment.

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## **ORGANIZATION EXPERIENCE**

### **Islamic Organization ‘Nurul Ilmi’ Faculty of Science and Mathematics**

#### *Staf of Departement of Regeneration [2021]*

- Review and carry out the regeneration process for Muslims at FMIPA Unpad in accordance with Development Pattern.
- Establish standard for the practice of spiritual and physical of the staf and supervising as well record it.
- Coordinate with the Organizational Development Department to maintain and improve the stability of the performance of the committee.
- Responsible to Vice Chair 1 and Chair of Rohis Nurul 'Ilmi FMIPA Unpad.

### **Islamic Organization ‘Nurul Ilmi’ Faculty of Science and Mathematics**

#### *Head of Secretarial Division [2022]*

- Create database for the Management Board of Rohis Nurul 'Ilmi FMIPA Unpad for the 2022 period.
- As minutes of meetings and equipment for activities carried out by Rohis Nurul Unpad Faculty of Mathematics and Natural Sciences.
- Responsible for the preparation and publication of the timeline for Rohis Nurul 'Ilmi activities FMIPA Unpad for the 2022 period.
- Make an accountability report on the work of the Rohis Nurul 'Ilmi Executive Board FMIPA Unpad for the 2022 period.
- Responsible to the Secretary General and Head of Rohis Nurul 'Ilmi FMIPA Unpad.

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## **VOLUNTEER EXPERIENCE**

### **MIPA Spiritual Camp**

#### *Head of Public Relation Division [2021]*

- Create relationships between participants and the Mipa Spiritual Camp committee and inform the information of Mipa Spiritual Camp to the participants.
- Be an LO for the comitte to connect with external and internal parties.

## **Physics Orientation and Student Development**

*Staf of Sponsorship Division [2021]*

- Develop a sustainable fundraising program for the implementation of event social activities and programs.
- Initiate activities aimed at raising funds, in order to meet the internal financial needs of the event.

## **Seminar Nasional Fisika (Senfa)**

*Staf of Archive Division [2023]*

- Perform assessment and archiving.
- Organize, save, care, and produce archive.
- Document checking and grouping according to the classification that has been determined.

## **EDUCATION BACKGROUND**

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### **Padjadjaran University**

2020 - Now

S1 Sarjana Fisika [GPA: 3.65]

With Physics major I have been learning about physics and ability to data analysis. I developed my skill and knowledge through my college. I have learned all about soft skills and hard skills. I also joined a organization that called “Rohis Nurul Ilmi FMIPA Unpad” as staf of departemen of regeneration for 1 year (2021) and head of secretarial division for 1 year (2022). I love to explore new things, so I have joined many courses to improve my skills such as SQL, Microsoft Power BI, Google Looker Studio, Statistics, etc.

## **SKILLS AND CERTIFICATIONS**

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**Language :** Bahasa Indonesia (Native), English

**Software :** Microsoft Office, Python, SQL, Microsoft Power BI, Google Looker Studio, Arduino IDE, SPSS.

**Hard Skills :** Data Cleaning, Data Processing, Data Visualization, Data Mining, Data Wrangling, Research.

**Soft Skills :** Critical Thinking, Decision Making, Collaboration, Attention to Details, Problem Solving, Data Analysis, Communication, Teamwork, Leadership, Time Management.

**Certifications :** Python Fundamental for Data Science (DQLab), Data Wrangling Python (DQLab), Intro to Data Analytics (Revou), SQL for Data Analysis (MySkill), Microsoft Power BI (MySkill), Google Looker Studio (MySkill).