

## **Ivan Setiawan Rahardjo**

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### **Summary**

My name is Ivan Setiawan Rahardjo. I am Biomedical Engineer Freshgraduate Student in Dian Nuswantoro University with 3.87 out of 4.00 GPA in 22 September 2021. I Had ever intern in Telogorejo *Semarang Medical Center* Hospital as a Medical Engineer which was in charge to handle the complaints related to medical equipments. I have a big interest to work in digital field. In Dian Nuswantoro University, I have created a website to see the result of heartbeat and ammonia detection with user satisfaction around 87,11%.

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### **Education**

#### **Dian Nuswantoro University (September 2017 – September 2021)**

*Biomedical Engineer Undergraduate – 3.87 / 4.00 GPA*

- Organized Debate Competition for Senior High School (2019)
- Created a device to detect and monitor heartbeat and ammonia level for autism spectrum disorder which accelerate the detection of autism spectrum disorder.
- Created a website as an output to see the result of the heartbeat and ammonia level detection.
- Made a database to save the result from of the heartbeat and ammonia level detection.

#### **Kolese Loyola Senior High School (July 2014 – July 2017)**

*Natural Science Major*

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### **Leadership**

#### **Dian Nuswantoro University's Christian Fellowship**

*Vice-Chairman (July 2019 – July 2020)*

- Represented the chairman when the chairman is unable to attempt.
- Planned the outline of every event with the chairman.
- Helped the other formed sections to do their tasks.
- As a liaison officer between organization's members with the chairman

*Music Section (July 2018 – July 2019)*

- Organized the musical schedule for every events.
- Increased the musical skills for every interested member.

#### **Dian Nuswantoro University's Biomedical Engineer Bureau**

*Information and Communication Section (January 2018 – July 2019)*

- Responsible with Biomedical Engineer Bureau's Instagram account for keeping the post up to date.
  - Shared everything about biomedical engineering (competition, seminar, and so on)
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### **Work Experience**

#### **Dian Nuswantoro University (Semarang, Central Java, Indonesia)**

*Laboratory Assistant (September 2018 – July 2020)*

- Helped the lecturer when doing the practicum.
- Helped the lecturer to evaluate the students.

### **Telogorejo Semarang Medical Center Hospital (Semarang, Central Java, Indonesia)**

*Medical Engineer Intern* (February 2020 – March 2020)

- Maintained the medical equipment.
- Repaired the broken medical instrumentation and equipment.
- Calibrated the medical equipment to make sure that the equipment is ready to be used.
- Attended the meeting with the marketing section to demo the new equipment.

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## **Achievement**

### **Dian Nuswantoro University**

- Earned Bronze Medal in *ASEAN Innovation Science and Entrepreneur Fair* (2021).
- Successfully created a website as an output to see the result of the heartbeat and ammonia level detection with user satisfaction around 87,11% from 30 respondents.

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## **Skills**

- **Hard Skills:** Electrical, Arduino Language (Novice), Python Language (Novice), C Language (Intermediate), PHP Language (Intermediate), SQL (Novice).
- **Soft Skills:** Problem Solving, Teamwork, Eager to learn new things
- **Language:** Indonesian (Active), English.