



# R.M. TEJO RIFQI HANANTO

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Perumahan paradise blok T1, Jatirejo, Sendangadi, Kec. Mlati, Kabupaten Sleman, Daerah Istimewa Yogyakarta

As a Biomedical Engineering fresh graduate with a strong passion for Machine Learning, Computer Science, and IT, I am eager to explore the intersection of technology and healthcare. My academic background and analytical mindset equip me to tackle challenges and innovate in these fields. I aim to leverage my interdisciplinary skills to develop impactful solutions that improve lives through advanced technology

## Education Level

**Institut Teknologi Sepuluh Nopember - Surabaya**

Sep 2020 - Sep 2024

*Bachelor Degree in Biomedical Engineering, 3.47/4.00*

- Related Course : Basics of Programming, Basics of Microprocessors and Microcontrollers, Biomedical Microelectronic Systems, Biomedical Instrumentation and Laboratory, Digital and Laboratory Engineering, Ultrasonic Imaging, Basic Intelligent System, Biomedical Imaging, Multimodal Biomedical Data Analysis, Medical Image Processing,
- Project : Classification of Alzheimer's Disease using TimeDistributed-Inception-ResNet with 3D MRI Images, Skin Cancer Classification using Deep Learning, Implementation of Bluetooth in a Web-based Phonocardiogram to Reduce Droplet Transmission among Medical Personnel, Electrocardiogram filtering using mikroC Software and Hardware
- Compete on National Student Science Week Competition (PIMNAS)
- Actively participates in more than 10+ campus events, such as competitions, webinars, and skills training workshops

## Experiences

**Bangkit Academy - Bandung(Remote)**

Feb 2023 - Jul 2023

*Machine Learning Cohort*

Program that sharpen individual learning and a team-based final project. 8 months program engaging in asynchronous classes via Dicoding Academy and Coursera, with access to expert consultation through discussion forums. The program offers a Machine Learning focused material and preparation for global certification exams upon completion.

- Achieved an average score of 87.5 out of 100 across all 10 courses.
- Designed a Nutrition Monitor AI-based app as part of a team-based project.
- Achieved the TensorFlow Developer Certificate

**Biomedical Instrumentation System Laboratory - Surabaya(on-site)**

Oct 2023 - Jan 2024

*Volunteer Lab Asisstant*

A Biomedical System Instrumentation Laboratorium at Biomedical Engineering Department in Institut Teknologi Sepuluh Nopember, Place for research and conduct practicum for students

**Shibaura Institute of Technology - Japan(Remote)**

Mar 2021

*Introduction to Embedded Programming Student*

A seven-day online course on Introduction to Embedded Programming, covering topics such as learning the C language, and working with Arduino software and hardware.

- Designed a "Simon says" mini game using Arduino hardware and software as part of a team based project

## Organisational Experience

**Himpunan Mahasiswa Teknik Biomedik ITS - Surabaya**

Mar 2022 - Dec 2023

*Head of Media and Information*

- Led a team of 7 developers and executed social media focused strategies to enhance organizational
- Achieve overall of 97.41% Departement target performance(50+ Number of post and 1.64% Engagement Rate on Instagram)

## Skills, Project & Achievements

- **Soft Skills:** Critical Thinking, Logical Thinking, Teamwork, Communication, Time Management
- **Hard Skills:** ReactJs, Ejs, PostgreSQL, Python, Tensorflow, HTML, CSS, Tailwind
- **Certification:** Tensorflow Developer Certificate - Tensorflow(2023), Machine Learning -Bangkit Academy(2023), Program Kreativitas Mahasiswa Karsa Cipta(PKM-KC) - Kemendikbud(2023)