

I GUSTI NGURAH RYO ADI TARTA

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He is a **problem solver** interested in discussion on **algorithms, data structures, competitive programming, any technology development including artificial intelligence, linux, IoT and cybersecurity**. He has a good **analytical and creative problem solving skills**. In addition, he has the capacities and qualities in **collaboration and team organization**. Driven by his **life principles**, he has the passion to **learn** new things and **create something** to one another so that it can positively impacting those around him

EDUCATION

B.C.S in Informatics Engineering, Brawijaya Univeristy, Malang Indonesia 2022 – Present

- Current GPA: 3.98/4.00. Undergraduate Semester 5 Student.

LEADERSHIP & ORGANIZATIONAL EXPERIENCES

Bulan Ulang Tahun Unit Aktivitas Kerohanian Hindu Dharma Malang, Indonesia

Documentation, Decoration and Multimedia (DDM) Committee October 2022 - December 2022

- Responsible for the documentation, decoration and grand design of the event.
- Organize the multimedia setup for the event. (Sound System, Operator Lighting, and Projector).

Orientasi Mahasiswa Hindu Brawijaya (ORMABA) Malang, Indonesia

Equipment and Logistic Committee July 2023 – September 2023

- Responsible for organizing setup for the event. (Sound System, Operator Lighting, and Projector).
- Coordinating people in preparing the venue for the event.

Competitive Programming Department Basic Computing Community (BCC) Malang, Indonesia

Member of Competitive Programming Department Basic Computing Community April 2023 - Present

- Joining some competitions in the field of competitive programming
- Explaining algorithms and solving problems that are often encountered in programming contests or interviews.

Basic Programming Laboratory Assistant Malang, Indonesia

Laboratory Faculty of Computer Science Brawijaya University September 2023 - December 2023

- Tutoring, assisting and grading more than 40 students in each class for basic programming using java programming language.

Event Division at CodEx 2023 Malang, Indonesia

FILKOM internal Competitive Programming and Capture the Flag Competition October 2023 - December 2023

- Responsible for the preparing the event concept, rundown, venue and the speakers.
- Preparing Competitive Programming Contest in hackerrank platform.

Data Structure and Algorithm Laboratory Assistant Malang, Indonesia

Laboratory Faculty of Computer Science Brawijaya University February 2024 – June 2024

- Tutoring, assisting and grading more than 30 students for understanding data Structures and Algorithms

Operating System Laboratory Assistant Malang, Indonesia

Faculty of Computer Science Brawijaya University Laboratory Assistant February 2024 - June 2024

- Tutoring, assisting and grading more than 30 students in each class for Operating System (i.e. Scheduling Algorithms, Memory Allocation, Process, Thread, Scripting, Linux Command, SSH, etc).

Information Centric Network Laboratory

Malang, Indonesia

Faculty of Computer Science Brawijaya University Laboratory Staff

January 2024 - Present

- Research, Education and Community Service on IoT, Information Security, Cloud Solutions, and Advanced Analytics.

Vice President of Competitive Programming Division

Malang, Indonesia

Basic Computing Community

January 2024 - Present

- Organize the recruitment and the training of biggest Competitive Programming Community in FILKOM, Brawijaya University.

VOLUNTEER EXPERIENCES

Speaker of Klinik Koding BCC for Java Basic Programming Course

Malang, Indonesia

Basic Programming Course for Freshmen

October 2023

- Attended as Java Basic Programming Speaker for CS Students in FILKOM UB.
- Explaining basic programming concept such as: Basic I/O, Conditional Branches and Useful String and Math Method in Java.
- Giving tutor on solving programming questions using java programming language on hackerrank platform.

ASA Study Room for Basic Programming

Malang, Indonesia

Basic Programming Course for Freshmen preparing for mid semester test

November 2023 – December 2023

- Attended as Java Basic Programming Speaker for CS Students in FILKOM UB.
- Explaining basic programming concept for mid semester such as: Array, for loops, function and recursion.
- Giving tutor on solving programming questions using java programming language on hackerrank platform.

Speaker of Klinik Koding BCC for C++ Basic Programming Course

Malang, Indonesia

Basic Programming Course for Freshmen

November 2023

- Attended as C++ Basic Programming Speaker for CS Students in FILKOM UB.
- Giving tutor on solving programming questions using java programming language on hackerrank and TLX platform.
- Tips & Trick on how to solve problem fast.

Community Service DIPA FILKOM 2024

Malang, Indonesia

Basic Programming Course for Freshmen

Present

- Preparing workshop and creating modul on information security topics for CS student in FILKOM UB.
- Discussing about DDoS Attack on TCP Network.

ACHIEVEMENT & AWARD

- **1st Winner** of Dekan Cup: PKM-KC (Pekan Karya Ilmiah – Karsa Cipta) FILKOM UB.
- **Finalist** on National Programming Contest (NPC) ITS – National Level.
- **Japanese Language Proficiency Test** (JLPT N3).