

SADAM AL RASYID

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I am Sadam Al Rasyid, a Telecommunication Engineering student at Telkom University with a keen interest in cloud computing technology, web development, and Internet of Things (IoT). Actively engaged in expanding my knowledge in telecommunication, I am involved in various projects. My future ambition is to become an expert in the field of telecommunications and excel in constructing AIOT-based tools. I am driven by the goal of creating innovative solutions to enhance communication experiences. With dedication and hard work, I am confident in achieving my career aspirations and making a meaningful impact in the field.

Education Level

Telkom University - Bandung, West Java

Sep 2021 - Jul 2025 (Expected)

Undergraduate in in Telecommunication Engineering, 3.54/4.00

- Became the keynote speaker in a community service program with BNN public relations from 14 districts/cities in West Java Province.
- Participated in 3 community services in various areas in Bandung.
- Organized a seminar program with SMK Pasundan 2 in West Java Province.
- Selected as a member of KKNT LLDIKTI 4 with 15 people, selected by Telkom University.
- I have expertise in taking pictures and editing videos, and I am working on a project with my lecturer to record and edit his findings.
- Awards: 1st runner-up of JBC UI/UX Competition 2023, 2nd runner-up of Smart City Hackathon 2023, 3rd runner-up of UI/UX IT Telkom.
- Awards: Top 160 of INNOVILLAGE 2023.

Professional Experiences

Telkom University - Bandung, West Java

Jun 2022 - Okt 2023

Collage Student

- Organizer at "ABDIMAS Kec. Gedebage: Pelatihan Pemrograman Scratch Bagi Para Guru TK Di Kecamatan Gedebage " with 40 people attending.
- Organizer at "ABDIMAS Heksa Hydro: Pelatihan Perencanaan, Pengoperasian dan Pengelolaan PLT Mikrohidro Dalam Mendukung Program Pemerintah Meningkatkan Kompetensi SDM di Bidang Bauran Energi Terbarukan" with 40 people attending.
- Keynote Speaker at "ABDIMAS Kec. Gedebage: Pelatihan Penggunaan Platform Kahoot Untuk Mendukung Peningkatan Kompetensi Guru TK Di Kecamatan Gedebage" with 20 people attending.
- Keynote Speaker at "ABDIMAS BNN: Pelatihan Content Creator Menggunakan Platform Capcut" with a total of 30 representatives BNN in the West Java region.
- Participants in "KKNT LLDIKTI 4: Independent College Program Developing Villages (PTM2D) Type 1" with a total of 15 participants in 1 village.
- Keynote Speaker at SMK 2 Pasundan "Berkarya di industri IT: Mengenal Budaya Kampus, Meraih Beasiswa dan Merangkul Revolusi Digital" with 200 people attending.
- The committee at the event "ABDIMAS SMP Labschol Pulpen: Designing a Text-Based Automatic Assessment Android Application Using AI to Assist Student Evaluation at Labschool Pulpen Junior High School" with a total of 15 junior high school teacher representatives.

PUI - PT AICOMS - Bandung, West Java

Dec 2022 – Feb 2024

Research

- A researcher at PUI - PT AICOMS with a research topic on Single Parity Check (SPC) Code for Molecular Communication for Cancer Therapy.
- Led the successful implementation of the WRITEX 2023 workshop, coordinated the team, and organized an event focused on improving writing and communication skills effectively. 20 people participated and SHIAWASE 2024.
- Responsible as webmaster for managing and developing the SOFTT 2023 website, ensuring optimal appearance and functionality as well as providing relevant information for participants and event visitors.
- Led the Events division in a successful AICOMS-Q 2023 workshop with the jobdesk of coordinating teams, and organizing events focusing on quantum mechanics knowledge. A total of 39 people participated.

Cyber Physical System - Bandung, West Java

Jun 2023 - Present

Research

- Taught around 100+ first year students about Telecommunication Networks and IoT
- Manage and develop laboratory website
- 1-month internship to prepare teaching materials consisting of 6 chapters to support the teaching process for one semester.
- Collaborated as an important member of a team of 10, actively contributing to the organization of Open laboratory, Cyber Academy and Assistant recruitment events.

Badan Mentoring - Bandung, West Java

Sep 2022 - Sep 2023

Mentor

- Serves as a religious mentor dedicated to providing spiritual guidance to individuals and has taught about 60 people. Being a practicum assistant
- for Islamic religious education courses.

Organisational Experience

Bengkel Seni EMBUN - Bandung, West Java

Feb 2023 – Feb 2024

Project Manager Music

- Organized 2 batches with a total of 84 people join Embun musik and taught music with dedication, creativity, and commitment to inspire and help students explore their musical potential. I have mentored and taught more than 20 people.
- Became the chief executive in the 2023 Corporate Social Responsibility program "Kami Mahasiswa Interes (KAMI)" with 57 committee participants.

TESLA 2022 - Bandung, West Java

Sep 2022 - Feb 2023

OC (Organizer Committee) of Monetary and Funding Division

- Create a funding strategy to support the sustainability of the TESLA event
- Manage finances at TESLA events by entrepreneurship such as selling things and making merchandise. There were 100 people participating.

GATHRAK 2023 - Bandung, West Java

Feb 2023 - Mar 2023

OC (Organizer Committee) of Logistics Division

- Consumption Arrangement: Responsible for the procurement and distribution of food and beverages during the event, including arranging catering or dining reservations. Selection and Procurement of Goods: Ensure all items and equipment required for the event are available. With a total committee of 100 people.

Honors & Award

Cameramen & Video Editing

Feb 2023 - Present

- I am paid to shoot and edit videos, and I am working on a project with my lecturer to record and edit his findings.

1st Runner Up of JBC UI/UX Competition 2023

Sep 2023 – Oct 2023

- Being a team leader and contributing in making innovations in the field of UI/UX consisting of 3 members among 10 teams

2nd Place of Smart City Hackathon CYVERO 2023

Sep 2023 – Oct 2023

- Making Innovation align with Smart City Programs consisting of 3 member among 10 teams

3rd Place of UI/UX Competition Dies Natalis SI ITASE 5.0 2023

Des 2023 – Jan 2024

- Being a team leader and contributing in making innovations in the field of UI/UX consisting of 3 members among 10 teams

Top 160 INNOVILLAGE 2023

Des 2023 – Feb 2024

- Being the team leader in creating innovations in the Sociopreneur Competition consisting of 3 members among 795 teams

3rd Place of KOMFESIF UI/UX Competition 2023

Des 2023 – Jan 2024

- Contribute to making innovation in UI/UX consisting of 4 member among 10 teams

Skills, Achievements & Other Experience

- **Hard Skills:** Web Development, IoT, Project management, Research, AIOT, UI/UX Design, Text Editor, Editing.
- **Soft Skills:** Teaching, Leadership, Critical Thinking, Interpersonal, Public Speaking, Communication, Problem Solving, Collaboration, Time Management and Teamwork
- **Computer Skills:** Network Configuration & Concept, Cisco, Wireshark, Figma, SketchUp, MATLAB, C, Python, Java , HTML, CSS, Latex, Microsoft Word, Microsoft Excel, Microsoft Power Point, and Canva.
- **Language:** Indonesian (Native Language) and English (Limited Working Proficiency)
- **Interest:** Web Developer, IoT, Artificial Intelligence and Telecommunications