

Avecena Basuni

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Education

Universitas Indonesia – Depok, Indonesia

August 2019 – Expected January 2023

Bachelor of Engineering in Electrical Engineering

- Cum Laude GPA until 6th semester: 3.85
- Minor on Electronics Engineering.

SMA Negeri 71 Jakarta – East Jakarta, Indonesia

July 2016 – June 2019

Mathematics and Natural Science

- Ranked in the highest top 20 grades out of 144 students with average score: 87,58 out of 100.
- Joined a committee that holds the school event called SEVONE 11th.

Work Experiences

Evomo – Jakarta, Indonesia

Hardware Engineer

July 2022 – August 2022

- Designed low fidelity UI/UX for computerized maintenance management system (CMMS) application,
- Researched the best handheld RFID readers which capable of explosion for drilling services,

Covent Indonesia – Depok, Indonesia

Electrical Engineer

April 2022 – Present

- Collaborating with other three multidisciplinary individuals,
- Designing the interface of Arduino-based Syringe Pump,
- Developing and programming an Arduino-based Syringe Pump which aims to meet the health standards and will be manufactured commercially for the low-end market.

PT. PLN (Persero) UPT Cilegon – Cilegon, Indonesia

Electrical Maintenance Engineer

January 2022 – February 2022

- Analyzed the preventive maintenance on lightning arrester equipment,
- Studied the basics of electric transmission system,
- Deepen the basics of maintenance in substations procedure,
- Summarized all the theory within this internship process through written report.

Laboratorium Elektronika Fakultas Teknik Universitas Indonesia – Depok, Indonesia

Laboratory Assistant

August 2021 – Present

- Evaluating over 100 practicum report,
- Preparing practicum modules that will be given for one semester,
- Responding to the queries raised by students and helping them understand the experiment,
- Taught 5 modules to over 200 students.

Organizational Experience

Ikatan Mahasiswa Elektro Fakultas Teknik Universitas Indonesia (IME FTUI) – Depok, Indonesia

Senior Staff of Studies and Strategic Action

January 2021 – December 2021

- Maintained daily content plan for Electrical Issue Magazine's Instagram,
- Redesigned templates for infographics to be published on social media,
- Managed deadline and progress across all the team,
- Produced 3 videos and 20 infographics on social media.

Staff of Studies and Strategic Action

January 2020 – December 2020

- Created studies and videos about developing issues around the world,
- Designed templates and content for infographics to be published on our social media,
- Generated 2 infographic and 3 videos on our social media.
- Delegated an honor “Best Staff of the Term” in May 2020.

Committee Experiences

Elektro Charity 2020 – Depok, Indonesia

Student Mentor

September 2021 – October 2021

Elektro Charity (ECHA) is an social event from Electrical Engineering, Universitas Indonesia to provide solution and technology for villages in Indonesia. I am responsible for the following:

- Be a mentor of the event.
- Mentored 10 students that study about environmental care.

Pelepasan Sarjana Baru Genap DTE FTUI 2020 – Depok, Indonesia

Staff of Consumption Division

April 2020 – October 2021

Pelepasan Sarjana Baru (PSB) is an annual event held by Electrical Engineering Student Association of Universitas Indonesia to welcome new Bachelor of Electrical Engineering. I am responsible for the following:

- Provide the consumption for the graduates person of electrical engineering at Universitas Indonesia

Teknik Open House – Depok, Indonesia

Staff of Consumption Division

July 2020 – December 2021

Teknik Open House is an annual event organized by the Student Executive Board of the Faculty of Engineering, University of Indonesia (BEM FTUI). This event aims to introduce the study programs at the Faculty of Engineering, University of Indonesia, in general and more specifically. I am responsible for the following:

- Strive for consumption, providing (preparing) and presenting it to the committee, participants, and performers during the pandemic.

Teknik Open House – Depok, Indonesia

Volunteer Staff of K3

November 2019 – December 2019

I am responsible for the following:

- Responsible to implement overall security at the work site,
- Carry out duties and functions in accordance with the placement in each location,
- Conduct inspections on guests/owners who will enter the work area.

Honors

Ikatan Mahasiswa Elektro Fakultas Teknik Universitas Indonesia (IME FTUI) – Depok, Indonesia

Best Staff of the Term

May 2020

- Achieved the best staff of the term I in Studies and Strategic Action IME FTUI which graded by all of the fellow staffs, head, and vice head of Studies and Strategic Action IME FTUI.

Ministry of Communication and Information Technology Republic of Indonesia – Jakarta, Indonesia

Best Participant of Digital Talent Scholarship 2022: Amazon Web Services Architecting on Fresh Graduate Academy

May 2022

- Achieved the best participant of the class in Amazon Web Services Academy which graded by the Amazon Web Services Academy itself.

Test Scores

Lembaga Bahasa Internasional Fakultas Ilmu Pengetahuan Budaya Universitas Indonesia – Depok, Indonesia

Score: 523

August 2020

Every freshman has to take the English Proficiency Test (EPT) Universitas Indonesia. If the freshman passed the test, it would benefit the freshman so they can pass the English class without attending the class. If the freshman wants to pass the test, it will have to be above 450.

Skills

Language: Fluent in Bahasa Indonesia; Conversational Proficiency in English.

Technical: Adobe Photoshop, Adobe Illustrator, Adobe Premier Pro, Multisim, Proteus, Arduino IDE, Amazon Web Service, Microsoft Office.

Programming Language: C, C++, MATLAB, HTML, CSS, JavaScript, Python.

Interest: Internet of Things, Microcontroller, Industry 4.0, Electronics, Embedded System, Cloud Computing.

Soft Skills: Communication, Teamwork, Leadership, Public Speaking.