

M Akbar Attallah

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Summary

Currently studying in Universitas Indonesia majoring in Electrical Engineering. I am an open thinker and able to adapt in different situations. Able to work as team or individually and always strives to contribute to society through technology.

Experience



Electrical Engineer

Covent Indonesia

May 2021 - Present (2 months +)

- Designed and manufactured a Syringe and Infusion pump prototype that aims to pass clinical trials and be commercially available for the Indonesian industry.

- Comfortable with an array of microcontrollers such as STM32, ESP32, and Arduino



Electrical Engineer

Autonomous Marine Vehicle Universitas Indonesia

Feb 2020 - Present (1 year 5 months +)

Member at the Autonomous Marine Vehicle Team Universitas Indonesia (AMV UI) which is one of the divisions in Tim Robotika Universitas Indonesia (TRUI)) that develops the technology of Unmanned Surface Vehicle (USV) and Underwater Autonomous Vehicle (AUV). I am in the electrical division which work at the electrical design such as wiring, pcb fabrication and the troubleshooting of the vehicle.



Staff of Technical Development Division

EXERCISE FTUI

Feb 2020 - Jan 2021 (1 year)

- Organized Matlab Training for Faculty of Engineering Students to help them thrive academically. This Matlab Training was attended by 80 people.
- Organized Training about Python for Beginners, Data Visualization, and Entry Level Data Science. In this event, I was one of the facilitators that assisted the participants in their study.
- Went Through internal training for front-end web development (JavaScript, HTML, CSS).



Staff of Academic and Profession Division

Ikatan Mahasiswa Elektro FTUI (IME FTUI)

Jan 2020 - Jan 2021 (1 year 1 month)

- Advocate Electrical Engineering students academically
- Make many programs to encourage Electrical Engineering students to thrive academically

Education



University of Indonesia

Bachelor of Engineering - BE, Electrical, Electronics and Communications Engineering
2019 - 2023



SMAN 89 JAKARTA

2016 - 2019

Licenses & Certifications



Introduction to Programming Using Python - SoloLearn

1073-16526836



Machine Learning Course - SoloLearn

1094-16526836



HTML Course - SoloLearn

1014-16526836



SQL Masterclass: SQL for Data Analytics - Udemy

UC-34261907-bafb-43f1-bf8f-897a35676f1d



Memulai Pemrograman Dengan Dart - Dicoding Indonesia

Issued Jun 2021 - Expires Jun 2024

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Skills

Teamwork • Python (Programming Language) • HTML • Data Science • Front end • Printed Circuit Board (PCB) Design • SQL • CSS • C • Embedded Systems

Honors & Awards



1st Place PKM PI in OIM FTUI 2021

Feb 2021

I won first place in PKM PI. PKM PI is an idea pitching competition that focuses on applied technology that is profitable for the partner company.