# MUHAMMAD ABDUL MAJID

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Jl. Sunan Mantingan No. 18, RT29/RW01, Dukuh Taraman, Desa Mantingan, Kec. Tahunan, Kab. Jepara, Jawa Tengah

I'm an Undip Computer Engineering Student from 2018.
I'm interested with Software Development and have little experience in creating a Websites, Augmented Reality, 2D Game, and Embedded Systems.

## Professional Experience

**Computer Engineering Department Diponegoro University** - Feb 2021 - Present
**Semarang, Indonesia**
*Part-Time - Advanced Digital Systems Practicum Assistant of Computer Engineering Department*
The person in charge of Latch and Flip Flop Module, including:

- Composing the module about Latch and Flip Flop
- Assisting the Lab Activity
- Leading experiments of Latch and Flip Flop Module
- Solving technical issues during the course
- Give assignments to students related to the course
- Grading the student assignment

**Computer Engineering Department Diponegoro University** - Apr 2021 - Jun 2021
**Semarang, Indonesia**
*Part-Time - Microprocessor Practicum Assistant of Computer Engineering Department*
The person in charge of Single Channel ADC System on Arduino UNO Module, including:

- Composing the module about Single Channel ADC System on Arduino UNO
- Assisting the Lab Activity
- Leading experiments of Single Channel ADC System on Arduino UNO Module
- Solving technical issues during the course
- Give assignments to students related to the course
- Grading the student assignment

**Computer Engineering Department Diponegoro University** - Mar 2021 - Jun 2021
**Semarang, Indonesia**
*Part-Time - Advanced Digital Systems Practicum Assistant of Computer Engineering Department*
The person in charge of Latch and Flip Flop Module, including:

- Composing the module about Latch and Flip Flop
- Assisting the Lab Activity
- Leading experiments of Latch and Flip Flop Module
- Solving technical issues during the course
- Give assignments to students related to the course
- Grading the student assignment

**Computer Engineering Department Diponegoro University** - Mar 2021 - May 2021
**Semarang, Indonesia**
*Part-Time - Interface and Peripheral Practicum Assistant of Computer Engineering Department*
The person in charge of Servo Motor Interface Module, including :

- Composing the module about Servo Motor Interface
- Assisting the Lab Activity
- Leading experiments of Servo Motor Interface Module
- Solving technical issues during the course
- Give assignments to students related to the course
- Grading the student assignment

**Computer Engineering Department Diponegoro University** - Feb 2021 - May 2021
**Semarang, Indonesia**
*Part-Time - Robotics Practicum Assistant of Computer Engineering Department*
The person in charge of Introduction to Robotics Module and Programming on Arduino Uno Module, including:

- Composing the module about Introduction to Robotics and Programming on Arduino Uno
- Assisting the Lab Activity
- Leading experiments of Introduction to Robotics Module and Programming on Arduino Uno Module
- Solving technical issues during the course
- Give assignments to students related to the course

- Grading the student assignment

**WebHade Creative** - Bandung, Indonesia        Dec 2020 - Feb 2021
*Internship - Web Developer*
We are a Website & Mobile Apps Developer from the city of Bandung, who have experience in the IT industry since 2006 until now, especially in the field of software and network engineering. Which has helped our clients a lot to realize their ideas. Starting from websites, Android applications, IOS, to desktop applications for Microsoft Windows & Mac OS X.

- Developing Backend Company Website using Laravel
- Developing Database using MySQL
- Developing Frontend Company Website using Bootstrap

**Computer Engineering Department Diponegoro University** -        Sep 2020 - Dec 2020
Semarang, Indonesia
*Part-Time - Digital System Practicum Assistant of Computer Engineering Department*
The person in charge of XOR and XNOR Module, including :

- Composing the module about XOR and XNOR
- Assisting the Lab Activity
- Leading experiments of XOR and XNOR Module
- Solving technical issues during the course
- Give assignments to students related to the course
- Grading the student assignment

## Education

**Diponegoro University** - Semarang, Indonesia        Aug 2018 - Aug 2022 (Expected)
*Bachelor Degree in Computer Engineering, 3.75/4.00*

- Grantee of Pembangunan Jaya Scholarship

**MA Negeri 2 Kudus** - Kudus, Indonesia        Jul 2015 - May 2018
*High School Diploma in MIPA, 87.00/100.00*

- 1st Prize Winner SEAMEO Schools' Network: Augmented Reality Online Training by Southeast Asian Ministers of Education Organization (SEAMEO) - 2017
- Finalist of Youth Scientific Work Contest (LKIR) by Indonesian Institute of Sciences (LIPI) - 2017
- Finalist of SEAMEO School Network: Game Development Online Training by Southeast Asian Ministers of Education Organization (SEAMEO) - 2017

## Organisational Experience

**Computer Engineering Research Club (CERC), Diponegoro University** - Semarang, Indonesia    Sep 2021 - Present
*Senior Staff of Multimedia Department*

- As a Senior Staff together with other staff trying to improve research about 3D modelling using Blender application and make an open class about 3D modelling to all Computer Engineering Student of Diponegoro University

**Computer Engineering Research Club (CERC), Diponegoro University** - Semarang, Indonesia    Aug 2020 - Sep 2021
*Staff of Multimedia Department*

- As a staff I learned about multimedia, especially in the field of 3D modelling using Blender application

**Al-Muharrik (Computer Engineering Islamic Spiritual Bureau), Diponegoro University** - Semarang, Indonesia   Mar 2020 - Apr 2021
*Head of Syiar Department*

- Person in charge the Syiar Department
- Composing the activity and target of Syiar Department
- Person in charge to oversee Syiar staff to achieve Syiar Department targets

**Student Management Skills Training Basic Level of Engineering Faculty (LKMM-D FT), Diponegoro University** -   Mar 2020 - Dec
Semarang, Indonesia        2020
*Vice Coordinator of Publication, Documentation, and Decoration Division*

- Student Management Skills Training Basic Level of Engineering Faculty (LKMMD FT) has a goal as a forum for students to understand the role in organizations and improve organizational managerial soft skills.

**Computer Engineering Student Association (HIMASKOM), Diponegoro University** - Semarang, Indonesia    Jan 2020 - Dec 2020
*Head Research Division of Research and Technology Department*

- Person in charge of the Research Division
- Oversaw the work of Research Staff to achieve the Research and Technology Department targets

**Student Management Skills Training Basic Level of Engineering Faculty (LKMM-D FT), Diponegoro University** -   Apr 2019 - Dec
Semarang, Indonesia        2019
*Participant*

- Student Management Skills Training Basic Level of Engineering Faculty (LKMMD FT) has a goal as a forum for students to understand

the role in organizations and improve organizational managerial soft skills.

**Student Executive Board of Engineering Faculty (BEM FT), Diponegoro University** - Semarang, Indonesia      Jan 2019 - Dec 2019
*Staff of Research and Technology*

- Web Development of E-Ristek (Official Website of Research and Technology Department)
- The person in charge of Ristek Call / ReCall (Line Official Account of Research and Technology Department)
- The person in charge of Achievement League of research achievements by the Departments of Engineering Faculty
- Research supervisor in Department Research and Technology of Computer Engineering Student Association
- Event Coordinator of Expo Research "Riset Expo"
- Publication, Design, Documentation Coordinator of Engineer Goes to PIMNAS (EGTP)
- Consumption Coordinator of Grand Opening Research (GORe)
- Equipment Coordinator of Opportunity for Engineer Go Abroad (OFEGA)
- Publication, Design, Documentation Committee of Engineer Goes to PIMNAS (EGTP)

**Computer Engineering Student Association (HIMASKOM), Diponegoro University** - Semarang, Indonesia      Jan 2019 - Dec 2019
*Staff of Research and Technology*

- The person in charge of the network and media Research and Technology Department
- The person in charge of the competition info about Computer Engineering
- Publication, Design, Documentation Coordinator of Accountability Report HIMASKOM 2018
- Publication, Design, Documentation Coordinator of Work Meeting HIMASKOM 2019
- Publication, Design, Documentation Coordinator of Recreation
- Publication, Design, Documentation Committee of Exposure
- Publication, Design, Documentation Committee of Sports Week (Pekan Olahraga - POR) Computer Engineering
- Publication, Design, Documentation Committee of Siskom Futsal Cup
- Event Committee of Public Hearing
- Event Committee of Revolution Space
- Event Committee of Career Seminar

## Skills, Achievements & Other Experience

- **Achievements** (2020): Grantee of Pembangunan Jaya Scholarship by Yayasan Marga Jaya Pembangunan (YMPJ)

- **Achievements** (2017): 1st Prize Winner SEAMEO Schools' Network: Augmented Reality Online Training by Southeast Asian Ministers of Education Organization (SEAMEO)

- **Achievements** (2017): Finalist of Youth Scientific Work Contest (LKIR) by Indonesian Institute of Sciences (LIPI)

- **Achievements** (2017): Finalist of SEAMEO School Network: Game Development Online Training by Southeast Asian Ministers of Education Organization (SEAMEO)

- **Hard Skills** (2021): DevNet Associate by Cisco

- **Hard Skills** (2021): CCNA: Introduction to Networks by Cisco

- **Hard Skills** (2017): SEAMEO Schools' Network: Augmented Reality Online Training

- **Hard Skills** (2017): SEAMEO School Network: Game Development Online Training

- **Soft Skills** (2019): Student Management Skills Training Level Basic of Engineering Faculty (LKMM-D FT), Diponegoro University

- **Soft Skills** (2019): Student Management Skills Training Level Pra Basic of Computer Engineering (LKMMPD Tekkom), Diponegoro University