



# WILDAN ALIM

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Kamal, Madura, Jawa Timur

I am a bachelor's degree in mechanical engineering with a GPA of 3.55/4.00. Interested in mechanical production, machine maintenance, manufacturing and 3D product design. For me, the Mechanical field is the most interesting thing, how we can solve problems with different thinking, new innovations so that we have more profits. Leadership spirit & active spirit. Familiar with 3D design software, Autodesk Inventor, AutoCAD, Solidworks and Microsoft Office.

## Project Experience

### HINERGI - Kamal, Bangkalan

Apr 2020 - Apr 2021

#### Mechanical Design

Companies in the field of technology to help digital business optimization and consulting related to electronic devices and mechanics

- Design mechanical design on a product (Design 3d)
- Create products and assemble products from designs that have been designed
- Repairing various mechanical components
- Inspect and control all mechanical components on the product
- Maintenance component mechanics

### KULI-INO - Kamal, Bangkalan

Apr 2021 - Jul 2023

#### Mechanic

innovation of project ideas and consulting of manufacturing projects as well as electronic and mechanical devices new innovations

- Receive Consultation on machine tools to be designed.
- Planning a mechanical system of the machine to be designed using CAD software.
- Design a product that has been planned.
- Report the estimated cost of the mechanical cost of the tool to be designed
- Create product prototypes that have been designed with 3D design

### DESIGN 3D MODELING - Kamal, Bangkalan

Jun 2020 - Present

#### Designer 3D

Freelance 3d design services modeling manufacturing products, robotics and others using CAD software

- Receive a product planning consultation
- Receive 3D and 2D design services using CAD software

## Education

### Universitas Trunojoyo Madura - Bangkalan, Madura

Aug 2019 - Jul 2023

#### Bachelor Degree in Mechanical Engineering, 3.55/4.00

- Successfully achieved GPA 3.55/4.00 with a study period of 4 years (8 semesters)
- Thesis on "The Effect of Air Mass Rate for Stoichiometric Combustion on Used Oil Fired Stoves"
- Practicum Assistant (Mechanical System Design) 2022-2023
- PKL/INTERNSHIP at PPSDM MIGAS CEPU
- Follow MBKM RESEARCH on Burning Used Oil on Stoves
- Practicum Assistant (Mechanical Drawing Engineering) 2020-2021
- Active in Robotics Organization

### SMKN 1 Pakong - Pakong, Pamekasan, Madura

Jul 2017 - Jun 2019

, 84.00/100.00

- Active in Robotics Organization
- Participated in the KARBORA (Karapan Robot Madura) Competition

## Organizational Experience

### UKM-FT SOKET - Training on ROBOTICS, KARBORA (Karapan Robot Madura)

Jan 2021 - Dec 2021

#### CHAIRMAN

Organizations that accommodate UTM students' interest in robotics (mechanics, electronics, and programming)

### KRSBI (Kontes Robot Sepak Bola Beroda) - KRSBI (Kontes Robot Sepak Bola Beroda)

Jun 2020 - Dec 2020

#### TEAM LEADER

Trunojoyo Madura University Robotics Team who take part in the KRI (Kontes Robot Indonesia) every year

**TIM MOBIL LISTRIK CAKRANINGRAT UTM - Electric Car Manufacturing Research**

Dec 2021 - Jul 2022

*Electrical Division*

Making Electric Cars to Join KMHE Competition (Kontes Mobil Hemat Energi)

**KKCTBN - KCTBN (Kontes Kapal Cepat Tak Berawak Nasional)**

Jan 2023 - Mar 2023

*Mechanical Division*

The Robotics Team actively participates in the KKCTBN (Kontes Kapal Cepat Tak Berawak Nasional) competition every year

**BK (Badan Kelengkapan) UTM FACULTY OF ENGINEERING**

Jan 2021 - Dec 2021

*CHAIRMAN OF UKM-FT SOKET*

An organization that manages various equipment of all faculty level organizations

## Skills and Achievements

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- **Soft Skills:** Communication, Time Management, Kreatif, Critical thinking, Team work, Leadership, Detailing
- **Hard Skills:** Design 3D, Solidworks, Inventor, AutoCAD, Microsoft Office, Canva, Product Development
- **Hard Skills:** equipment maintenance, master production tools, drills, grinders, CNC, lathes, cutting machines
- **Achievements** (2021): Runner Up of KRSBI (Kontes Robot Sepak Bola Beroda Nasional)
- **Achievements** (2021): 3rd Winner of KBMI (Kegiatan Berwirausaha Mahasiswa Indonesia) Technology Sub Category
- **Achievements** (2021): Best Strategy Winner of KRSBI (Kontes Robot Sepak Bola Beroda Nasional)