

# TONI HENDRAWAN

## MECHANICAL ENGINEER

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Highly motivated fresh graduate of Mechanical Engineering from Universitas Islam Indonesia. Person with strong determination, hardworking, and equally good in individual & teamwork to solve a problem. Eager to learn new things and looking for opportunities for industrial growth, and passionate about industrial design, software, automation and manufacture. Committed to contribute the skills and enthusiasm to drive meaningful impact.

## EDUCATION

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**Universitas Islam Indonesia**

**Sep 2017 – Jul 2024**

Sleman, Yogyakarta

*Bachelor's Degree in Mechanical Engineering*

GPA : 3.42

Thesis : Design and Build of A Semi-Automatic Briquette Molding Machine

Relevant Coursework : Computer-Aided Design, Computer-Aided Engineering, Manufacturing Processes, Engineering Materials, Mechanic of Materials, Mechanical Engineering Design, Mechatronics & Measurement System, Statics, Quality Assurance Management, Thermodynamics.

## PROFESSIONAL EXPERIENCE

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**PT Industri Kereta Api (Persero)**

**Feb 2021 – Mar 2021**

Madiun, Jawa Timur

### **Quality Control Department – Internship**

- Performed an inspection of raw materials, components, and finished products to ensure they meet quality standards and specifications.
- Compiled the weekly QC reports to track defects, trends, and product quality performance.
- Learned and followed internal QC processes and industry standards (ISO 9001) for quality management.

## ORGANIZATIONAL EXPERIENCE

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**Energy Conversion Laboratory – Universitas Islam Indonesia**

**Mar 2021 – Aug 2021**

Sleman, Yogyakarta

*Laboratory Assistant*

- Arranged the work plans including scheduling, participant distribution, and practical materials.
- Supervised the 24 active Mechanical Engineering students of 2018 & 2019 in completing the practical class involving machine operations in one semester.
- Assisted the laboratory in conducting practicum evaluations and grade recapitulation for participants.

## PROJECT & VOLUNTEERING EXPERIENCE

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**Project to Build a Design of Solar System Aids for Learning Media – Universitas Islam Indonesia**

**Mar 2020 – Aug 2020**

Sleman, Yogyakarta

*Member*

- Worked with the team to conceptualize and design the Solar System Aids.
- Contributed in constructing and assembling the Solar System Aids.
- Assisted in managing timelines, resources, and tasks to ensure the project stays on track for completion.

Sleman, Yogyakarta

*Member*

- Worked with the team to conceptualize and design the Sumo Robot.
- Assisted in physically building the robot and installed the electrical components.
- Made iterative improvements to the robot’s design, programming and hardware components to enhance performance.

**FTI Fest 2019 – Universitas Islam Indonesia**

**Sep 2019 – Des 2019**

Sleman, Yogyakarta

*Staff of Equipment, Logistic & Consumption Division*

- Made budget estimate plan for Equipment, Logistic & Consumption Division.
- Organized the movement of equipment, consumables, and supplies to and from the event venue, ensured proper scheduling and management of vehicles.
- Managed and directed a team staff responsible for setting up equipment, managing logistics, and distributing consumables.

**Leap Out 2019 – KMB Yogyakarta**

**Oct 2018 – Jan 2019**

Boyolali, Jawa Tengah

*Coordinator of Equipment & Logistic Division*

- Made budget estimate plan for Equipment & Logistic Division.
- Led and supervised the 8 members of Equipment & Logistic Division to deliver execution of the job description.
- Managed a huge amount of budget to prepare, provide, and distribute equipment & logistic needs for the event.

**OTHER EXPERIENCE**

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**Used – Car Business**

**2015 – Present**

Boyolali, Jawa Tengah

*Procurement & Sales Assistant*

- Actively involved in the end-to-end operations of a family-run used – car business.
- Managed negotiation with sellers and buyers, contributing to increased sales conversion rate.
- Managed car listing, promotional strategies, and communication with potential buyers via online platforms and direct marketing.
- Built and maintained customer relationships, leading to repeat business and positive referrals.

**CERTIFICATIONS**

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- **Certificate of English Proficiency Test / CEPT (Passed with score 605/795)**  
Universitas Islam Indonesia  
Credential id : 21.02.91306

**COMPETENCE**

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**LANGUAGE**

- Indonesian (Native)
- English (Speaking, Writing, and Communication)

**SOFTWARE**

- AutoCAD
- Microsoft Office
- Autodesk Inventor
- Solidworks