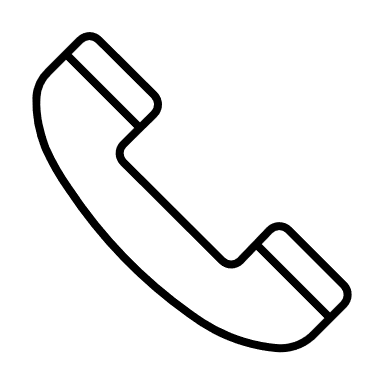
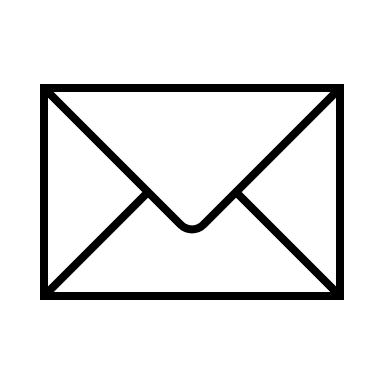
**Naufal Rashad Aryaputra**

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https://www.linkedin.com/in/naufalaryaputra/

**EDUCATION**

GADJAH MADA UNIVERSITY Yogyakarta, Indonesia

*Applied Bachelor of Instrumentation and Control Engineering* Aug 2019 – present

Cumulative GPA: 3.3/4.00

Relevant Coursework: Electrical Engineering, Robotics, Automation

**EXPERIENCES**

Malone Groups INTERNSHIP Burton-on-Trent, UK

*Intern |* *Engineering Consultant Company*  Nov 2022 – Oct 2022

* Provided Malone Group pricing and bundling strategy for their IoT system utilizing sensors.
* Working with major companies on UK such as Alton Towers, Smurfit Kappa, and

El-watch sensor to provide solution over their complex problems.

* Planned IoT Sensors features and capabilities based on the customer needs.

PIMNAS 34 Yogyakarta, Indonesia

*Team Leader | National Student Science Week* June 2021- Oct 2021

* Lead team consisting of 4 person to developed a robot to measure floor level with IMU sensor to add more measurements accuracy.
* Designed product specification, brandings, poster and documentations.
* Successfully lead a team start from proposal submission, funding, product development and final presentation.

Gadjah Mada Robotic Team Yogyakarta, Indonesia

*Team Captain | Al-Fatih Four Legged Search and Rescue Robot Division* Jan 2020 – Aug 2022

* Directed 7 team member to collaborate and maintaining team cohesiveness to worked on a four-legged robot to increase its movement speed and better stability.
* Worked specifically on the robot gait, inverse kinematics, algorithms, and LIDAR sensor.

First Global Challenge 2018 Mexico City, Mexico

*Lead Electrical| International Robotic Challenge with 160+ Countries participated* Jan 2018 – Sept 2018

* Designed the robot electrical and mechanical systems to solve problems given by First Global. Specifically worked on the gripping mechanism to finish the main objective.
* Successfully achieved bronze medal for creativity in engineering, beating more than 160+ other countries.

**PROJECTS EXPERIENCE**

IRV project for PT. KAI Yogyakarta, Indonesia

*Electronics Engineering | Railway Measurement System*  Jan 2020 – Jan 2022

* IRV is a smart measurement system for PT. KAI to measure any crack on their railway automatically by using sensors and IoT system with data analysis.
* Developed a full electronics system consisting of gateway, battery, sensor, and

wireless communication system.

* Debugged and trial error the electronics system for a better stability and accuracy.

**SKILLS**

Language: Bahasa Indonesia (native) and English (DET Score: 110 equals to IELTS: 6)

Programming Language: C++, Python;

Engineering Software: Fusion360, Eagle, Solidworks, Visual Code, KiCad.

**AWARDS**

IISMA Awardee at Coventry University, United Kingdom.

Finalist of PIMNAS 34

Funded Program Kreativitas Mahasiswa 2021