

# MOCHAMMAD ARIE NUGROHO

BACHELOR DEGREE OF ELECTRICAL ENGINEERING

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## PROFILE

Highly motivated bachelor of electrical engineering who always desire to learn new thing that can help develop analytical skills. Passionate about data science field, and interested in everything related with data. Skilled in Microsoft Office, Python, R. The coworker describes me as a person who doesn't talk too much, efficient, fast learner and open minded. Currently active learning from webinar and Data Science bootcamp to develop my knowledge and get more expert.

## EDUCATION

### UNIVERSITY OF BRAWIJAYA

- **Master Degree of Management** **02 February 2020 – Present**
  - Sub major Strategic Management | GPA: 3.92
- **Bachelor Degree of Electrical Engineering** **12 August 2013 – 22 May 2018**
  - Sub major Instrumentation Control Engineering. | GPA: 3.06
  - Runner up PLC Industrial Automatic and Robotic Competition (IARC) ITS 2016 competition.
  - Making project Gas Vent Stack Snuffing Unit N2 exhaust safety system automation based on PLC Siemens S7-300.

## WORK EXPERIENCE

- **PT Mulia Industrindo Tbk.** **January 2019 – June 2019**  
Management Trainee Engineering
  - As a Management Trainee in the Engineering Maintenance Division the main job is implementing continuous improvement projects on ceramic body preparation.
  - In daily work i work to supervise the daily checking of tools by technicians and perform preventive maintenance.
  - Chosen to participate in project Project Recovery Unsafe Condition for Electrical Part in Manufactory Plant A.
  - Final phase of OJT doing project improvement on PPB Pump nasseti type and updating Work Instructions based on the existing manual book then conducting training for new work instructions.
- **PT Transportasi Gas Indonesia** **October 2017 – December 2017**  
Internship Technician  
As an internship technician, the daily job is to calibrate Pressure Transmitter and Temperature Transmitter in the Gas Metering Station and get a project to design a Gas Vent Stack security system using Siemens PLC Controller.

## ORGANIZATIONAL EXPERIENCE

- **Himpunan Mahasiswa Pascasarjana FEB UB** **February 2020 – Present**  
Secretary of Public Relations Division (February 2020 – Now)
  - Become an intermediary between internal organizations and external parties such as outside companies or the government.
  - Carry out the management of correspondence and note taker at each meeting.
  - Main Committe in webinar "Kajian Mahasiswa Pascasarjana 2020", "BREFERENCE 2020", "Webinar Keuangan Level Up 2021", "BREFERENCE 2021"
- **Riset Karya Ilmiah Mahasiswa UB** **March 2015 – April 2018**  
Expert Staff Riset and Development (March 2015 – April 2018)
  - Train junior staff in writing scientific papers and instruct junior staff in PKM KC competitions in the electrical field.
  - Become main committee of "2016 RKIM Training", "2017 RKIM Training", "2016 RKIM CUP".

## CERTIFICATION

- **Enterprise Risk Management** **July 2020 – July 2022**  
Enterprise Risk Management Academy  
This certification tested against the standards required for Enterprise Risk Management Associate Professional (ERMAP) as defined and certified by the Enterprise Risk Management Academy (ERMA) with the ERMAP professional designation.
- **Instrumentation Technician Lv 1** **December 2019 – December 2023**  
LSP PPT Migas Cepu  
This certification tested based on SKKNI for Upstream – Downstream Oil Gas Industry Sector, General Engineering Sector, Instrumentation Equipment Maintenance Sub-Sector and Calibration Sub-Sector.

## PORTOFOLIO

- **Data Science Project** : <https://github.com/arienugroho050396>

## ADDITIONAL INFORMATION

- **Technical Skill** : Microsoft Office, Matlab, Python, R Programing Language, PLC Ladder Programming, Digital Marketing
- **Soft Skill** : Leadership, Communication Skill, Problem Solver & Decision Making, Analytical Thinking, Teamwork.
- **Language** : English, Indonesian
- **Hobby** : Badminton, Chess, Photography, Graphic Design, Reading Book, Traveling