

# Adinda Krisantya Padma

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## INSTITUT TEKNOLOGI SEPULUH NOPEMBER

Institut Teknologi Sepuluh Nopember Surabaya

Electrical Engineering

Location, Surabaya, Indonesia

2022 - Present

## TECHNICAL SKILLS

**Programming Languages:** Python, C++, Assembly

**Libraries and Tools:** YOLO, OpenCV

## WORK EXPERIENCE

### Jago Teknik

Surabaya, Jawa Timur

August 2023 - Present

- \* I am one of the Co-Founder of Jago Teknik. With Willy, Devani, Dani, and Johannes we built this start-up to become a platform that electrical student can use to study other than classes

### MEST Laboratory Assistant

ITS, Surabaya, Indonesia

September 2024 - Present

- \* I am a member of MEST Laboratory (Microelectronics and Embedded System) which focused on research about microcontrollers, IOT, AI, machine learning, robotics and many others.
- \* I am part of External Staff, with 8 other friends. Responsible with any external invitations.

### PLN Student Intern

PLN UP GRESIK, Gresik, Jawa Timur

December 2024 - February 2025

- \* Research topic is about Damper System at HRSG PLN UP Gresik. I used to work under Control and Instrumentation workshop

## PROJECTS

- Sistem Penyiraman Taman Otomatis Berbasis PV Water Pump Menggunakan Multi Spinkler Yang Terintegrasi Dengan IOT. [Linkedin](#)
- Line Tracing Robot, using ATME51 and droidcam input. [Linkedin](#)
- Penerapan Smart UV-Pheromone Solar Trap Sebagai Inovasi Pengendalian Hama Cabai Ramah Lingkungan dan Hemat Energi di Desa Karanganyar, Poncokusumo, Malang [Linkedin](#)
- Coppeliasim, using Python based program to create Billiard Game. The challenge is how to simulate the motion into the program, but by so I learned how to code a moving simulation [Linkedin](#)
- Coppeliasim, created MEST laboratory floor plan. Was troubled to positioning the structure, and the layout. But, by so I learned how to make a floor plan simulation [Linkedin](#)