Rizky Abrory Rakhman

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github.com/Iky558

Institut Teknologi Sepuluh Nopember

Institut Teknologi Sepuluh Nopember Surabaya   **Location, Surabaya, Indonesia**
Electrical Engineering   *2022 - Present*

TECHNICAL SKILLS

Programming Languages: Python, C++, Assembly
Libraries and Tools: YOLO, OpenCV

WORK EXPERIENCE

Pengabdian Masyarakat (ABMAS)
Surabaya, Jawa Timur   *Juli 2025 - Agustus 2025*
* Membuat perangkap hama untuk meningkatkan kulaitas panen cabai

Asistent Praktikum MEST Laboratory
ITS, Surabaya, Indonesia   *September 2024 - Present*
* Sebagai asisten praktikum Rangkaian Listrik, Sistem Digital, dan Rangkaian Elektronik
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Arsa Technologi   **Desember 2024 - January 2025**
Arsha Technologi, Yogyakarta, Jawa Timur   *December 2024 - January 2025*
* Membuat palang dan dataset untuk digunakan pada transnjakarta

PROJECTS

- **Sistem Penyiraman Taman Otomatis Berbasis PV Water Pump Menggunakan Multi Spinkler Yang Terintegrasi Dengan IOT**. Linkedin
- **Line Tracing Robot**, using ATMEL51 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
- **Coppelia Sim**, 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
- **Coppelia Sim**,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