

ZEKA EMO

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A second- year Computer Engineering student, skilled in both Python and Java, with a track record of completing diverse machine learning projects. Grounded in data analysis, my exploration extends to the realms of IoT and automation. The aim is to contribute and innovate at the dynamic intersection of machine learning, IoT, and automation.

Work Experiences

LuarSekolah - Bandung, Indonesia

May 2023 - Jun 2023

Mobile Developer Intern

- Adopted flutter system for developing an Android app
- Designed a prototype with widgets and functional features using Dart

Education Level

Universitas Diponegoro - Semarang, Indonesia

Aug 2022 - Aug 2026 (Expected)

Undergraduate in Computer Engineering, GPA: 3.80/4.00

Organisational Experience

AIESEC in Semarang

Feb 2024 - Present

Event Specialist Staff

- Organizing an international events between local committee and international partners

HIMASKOM (Himpunan Mahasiswa Teknik Komputer)

Sep 2023 - Present

Staff of Community Service Division

- Organized "HIMASKOM Mengajar," educate 100 middle school students on network systems in 3 days.
- Organized and emceed "Kunjungan Panti," orchestrating a special day for 50 children with care and enthusiasm.
- Facilitated student orientation "PENDIKAR", impacting 15 new students.

Girl Up Semarang

Feb 2023 - Present

Research and Advocacy Staff

- Created an awareness content regarding #MeToo movements, engaging 100 people
- Covered an issue about women education in Semarang, uploaded on 3 platforms

PEMIRA FT (Pemilihan Raya Fakultas Teknik)

Oct 2023 - Dec 2023

Coordinator of Public Relations

- Copywritten every publication, creates more than 12 contents

GORE FT (Grand Opening Research Fakultas Teknik)

Aug 2023 - Oct 2023

Liaison Officer

- Communicated with the speaker, creating an understanding connection between the speaker and the event organizer

ODM FT (Orientasi Dipo Muda Fakultas Teknik)

Jun 2023 - Aug 2023

Event Organizer Staff

- Initiated a new session for student orientation, introducing 12 different departments to 1000 students

Local Project of AIESEC in Semarang

Jun 2023 - Jul 2023

Educational Volunteer

- Delivered a speech on the importance of English Literacy in SMKN 1 Semarang, in front of 300 students

- Filled in as a teacher for 30 children about early English Lesson in AksaraBocil community

Projects

- **Comparison Machine Learning Methods in Plant Recommendation System** (2024): A paper discussing two supervising methods to find which best applied in Plant Recommendation System
- **Plant Recommendation** (2023): Building a Plant Recommendation system in agriculture using a multi- sensor and machine learning
- **DF Seperator** (2023): Proposing a Waste Image Recognition using Data Fusion algorithm in a Waste Separator system
- **LingkarBumi** (2023): With helping people in accessing public transportation effectively, LingkarBumi app exist to make public transportation easier to access
- **EcoHero** (2023): An environment-focused app to help assist company in applying their CSR to communities
- **Walktricity** (2023): An all-in-one app to assist people in accessing environmental friendly mobilizations by providing information about walk-friendly pedestrians, bicycle-friendly roads, and public transportation routes.
- **ATM Machine Simulation** (2023): Develop a virtual ATM machine with 4 basic features including data encryption using Python
- **Recreation Recommendation Program** (2023): Develop a Recreation Recommendation system to help tourist on exploring local landmarks using Python