

# Rizky Syah Gumelar

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## SUMMARY

21 years old Fresh Graduate in Computer Science from Universitas Dian Nuswantoro, with expertise in **Data Science, Web Development, and UI/UX Design**. Skilled in **Intelligent Systems, Data Analysis, Machine Learning, and Frontend Development**, with experience leading teams and creating innovative solutions through organizational and project-based work. Completed the Machine Learning cohort at Bangkit Academy 2024.

## EDUCATION

**Bachelor of Computer Science (Informatics Engineering) | GPA 3.94 / 4.00** July 2021 – February 2025  
**Universitas Dian Nuswantoro Semarang**

- Student Association in Computer Science/Informatics
- Member of Research Center for Materials Informatics (Create paper about material science with Machine Learning)
- Finalist, Program Penguatan Kapasitas Organisasi Kemahasiswaan, (PPKO) 2023 – Developed jARict Apps
- Participant, DataSlayer 2024 – Create Fall Detection Program with 91% Accuracy
- Participant, GEMASTIK 2024 – Developed OHISee AR Apps Design
- Participant, Pekan Kreativitas Mahasiswa (PKM) 2023 – Developed Greenponics System

**Machine Learning Cohort** February 2024 – June 2024  
**Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka**

- Completed 10+ courses on Coursera and Dicoding, including hands-on learning of machine learning algorithms using TensorFlow and Google Colab.
- Build Ber-Uang Apps, finance apps to manage income/expenses using machine learning to classify transactions.

## EXPERIENCE

**Data Analyst & IT Intern** September 2024 – November 2024  
**Indosat Ooredoo Hutchison, Semarang**

- Build Market Competition Landscape Website using Laravel and Chart.js, web app for sales to survey product prices across providers.
- Developed an analytics dashboard using Streamlit and Power BI for data visualization and insights.

**IT Intern** June 2024 – July 2024  
**Badan Pusat Statistik Kota Semarang**

- Developed the IKM (Izin Keluar Masuk Pegawai) website to streamline employee access requests.
- Data entry, entered and digitized data from physical forms of companies and the public into the system.

## ORGANIZATION

**Head of Science and Technology Development** June 2023 - July 2024  
**Himpunan Mahasiswa Teknik Informatika UDINUS**

- Developed and managed 6+ websites simultaneously, ensuring optimal functionality and user experience.
- Led a team of 30+ programmers, fostering collaboration and enhancing their technical skills.
- Strengthened programming expertise and mentored team members, improving efficiency and productivity.

**Head of Creative Media Division** August 2023 - August 2024  
**Google Developer Student Clubs UDINUS**

- Managed all design and event documentation to ensure timely and accurate completion.
- Led and coordinated the creative team in designing and producing media content.
- Mentored and trained junior UI/UX designers.

## PROJECTS

- |  |                                |
|--|--------------------------------|
| • <a href="#">Indosat Market Competition Landscape Apps</a>  | September 2024 - November 2024 |
| • <a href="#">SampahKita – Trash Classification API Backend</a>  | November 2024                  |
| • <a href="#">Website IKM (Izin Keluar Masuk) BPS Kota Semarang</a>  | June 2024 - July 2024          |
| • <a href="#">BerUang – Finance Management Apps</a>  | April 2024 - June 2024         |
| • <a href="#">Bokeh/Blur Detection Flask App</a>   | February 2024 - March 2024     |
| • <a href="#">Proyek Analisis Data [Air Quality]</a>   | February 2024 - March 2024     |
| • <a href="#">Comparison of N-Heterocyclic Corrosion Inhibitor with Machine Learning and Deep Learning</a> | January 2024                   |
| • <a href="#">Machine Learning Prediction App</a>  | November 2023                  |

## CERTIFICATIONS

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|--|------------------------------|
| • <b>Advanced Computer Vision with TensorFlow</b> , DeepLearning.AI – 2024                         | <a href="#">(Credential)</a> |
| • <b>Machine Learning Specialization</b> , DeepLearning.AI, Stanford University – 2024             | <a href="#">(Credential)</a> |
| • <b>Mathematics for Machine Learning and Data Science Specialization</b> , DeepLearning.AI – 2024 | <a href="#">(Credential)</a> |
| • <b>Using Python to Interact with the Operating System</b> , Google – 2024                        | <a href="#">(Credential)</a> |