

# JIRYAN FAROKHI

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<https://www.linkedin.com/in/jiryan-farokhi-0780b6247/>

Github : <https://github.com/JryFarr>

## SUMMARY

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Undergraduate Student Mathematics Institut Teknologi Sepuluh Nopember. I Like challenges, learning new subjects, taking initiative, and problem solving. I consider myself a responsible person who exerts optimal effort to ensure the task given to me is completed on time. Besides, I am a person with good communication who can work either independently or as a part of a team. In organization and committee, usually I am in event and public relation position. I am interested in machine learning technology, big data, artificial intelligence, and data science.

## EDUCATION

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### S-1 Matematika – Institut Teknologi Sepuluh Nopember

2022 -Present

- Current GPA: 3.4/4.00

English Skills : Duolingo English Certification (120)

## WORK EXPERIENCES

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### Professional

#### Dicoding – Lintasarta Cloudeka Digischool – Jakarta, Indonesia

Machine Learning Students

January – June 2024

- Successfully passed become 150 students from 3000+ registrants
- Gain Machine Learning skills in expert level with 7 projects
- Build NLP, Time series, and CNN projects and also deployments projects using docker

#### Avalon AI – Surabaya, Indonesia

February- June 2024

Data Scientist and Data Analyst Lead

- Make an research about Data Scientist and Data Analyst with members of Avalon AI
- Responsible to accommodate the member to join Data Science Competition
- Make some research about Natural Language Processing and Computer Vision
- Lastly, make a research about Virtual Try On Fashion with VTON Model

Top 1000 Indonesian NEXT 2023 – Jakarta, Indonesia

June 2024 – Present

Hacker Role

- Passed from over +- 7000 registrants all over Indonesian undergraduate students
- Get opportunity to get international certification in Machine Learning and Data Analytics : MOS Data Analytics with Excel, Azure Machine Learning certification.

### Organization

#### Google Developer Student Club ITS – Surabaya, Indonesia

Data Scientist Lead

October 2024 - Present

- Successfully got the most members throughout Indonesia with a total of 3500+ members
- Make a curriculum learning for members about Data Science
- Accommodate members to join Data Science Competition

#### IEEE ITS Student Branch – Surabaya, Indonesia

Manager of Academics

February 2024 - Present

- Successfully initiated new department in organization and got the fourth highest number of applicants among various departments with total 25 registered for 4 positions
- Successfully initiated International Seminar about Scientific Writing with the speaker from Head of Faculty of Technology, Electrical and Information ITS
- Successfully got the members of speaker from international student and got the speaker from other universities in Indonesia with 60 attendaces.

### International Experience

Global Project Based Learning ITS – SIT 2024 Data Science in Japan – Tokyo Japan

September 2024

Member

- Get opportunities to study exchange to Japan with selected students in campus
- Make Time Series Project to predict sales with data science techniques
- Learn to work together with international students
- Get skills to present the project clearly and make sure with comprehensive approach
- Learn about some basic concepts of Machine Learning in time series model like Random Forest Regression, XGBoost, LSTM, RNN, and many more.
- Got the 3<sup>rd</sup> rank from all teams with collaboration Indonesia student and Japan student.

Global Project Based Learning ITS – SIT 2023 (inbound) – Surabaya Indonesia  
Member

August 2023

- Get opportunities to interact with Japanese student
- Make Game of Life project
- Make some innovative project with MatLab
- Discuss and collaborate with friends in a team and professor from Japan

## AWARDS

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- **[National] PKM-KC (Program Kreativitas Mahasiswa Bidang Karya Cipta) 2023** – Funded by Kemenristekdikti
- **[National] Top 5 GAMMAFEST Data Science Competition 2024** – Himpunan Mahasiswa Statistika IPB
- **[National] Rumah Kepemimpinan Awardee** – Rumah Kepemimpinan Foundation Jakarta Indonesia
- **[National] Delegation of ITS in Satria Data 2024** – Held by Puspresnas
- **[International] GPBL Data Science Project in Japan** – Mathematics Department ITS and Computer Science Major SIT Japan

## COACHING

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- Pelatihan Karya Tulis Ilmiah Tingkat Dasar (PKTID) from HIMATIKA ITS 2022 – Member
- Latihan Keterampilan Manajemen Mahasiswa Pra Tingkat Dasar (LKMM Pra TD) from BEM FSAD ITS 2022 – Member
- Aksi Nirwasita from BEM FSAD ITS 2022 – Member
- Latihan Keterampilan Mahasiswa Wirausaha (LKMW TD) from Ditmawa ITS 2022 – Member
- Latihan Manajemen Event from LMB (Lembaga Minat Bakat) ITS 2023 - Member

## LEADERSHIP

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**Leaders Academy Indonesia Batch 7 from Pemimpin Indonesia 2022**

**January 2023**

- Learn about basic leadership: Self-leadership and how to become good leader like self awareness, self regulations, and self concept.
- Successfully passed to become one of the 500 members of the 1649 participants who registered.
- Making assignment sheet about SWOT (Strenght, Weakness, Opportunity, Treatment)

# Eldintaro Farrandi Arisdani

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I am a Machine Learning enthusiast with strong technical skills and a proven track record in data analysis, feature engineering, and predictive model development. I have extensive experience designing custom neural network architectures, leveraging state-of-the-art models like XGBoost, and implementing advanced techniques such as YOLO for image classification tasks. My expertise in optimizing model performance and making data-driven decisions allows me to effectively tackle complex problems. Additionally, my background in leadership roles has honed my abilities in project management, strategic planning, and collaboration, enabling me to guide teams towards achieving key objectives. I am adaptable, innovative, and ready to bring my skills to contribute impactful solutions in a dynamic environment.

## Organizational Experience

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### TDC Summit Fest

September 2023-October 2023

#### Head of Marketing Department

- **Leadership & Strategy:** Led two subdivisions (Commercial & Public Relations) focused on marketing and participant recruitment, achieving strategic goals.
- **Project Impact:** Attracted over 400 participants and secured a brand ambassador partnership, boosting visibility and program appeal.
- **Results-Oriented Execution:** Demonstrated consistent success in meeting targets through effective team coordination and strategic planning.

### Technopreneurship Development Center

January 2023-December 2023

#### Staff of Corporation

- **Collaboration & Partnership:** Worked closely with internal teams and external partners to drive product marketing and sales.
- **Sales Management:** Oversaw the entire sales process, ensuring seamless coordination and execution.
- **High Sales Performance:** Achieved over 1,000 orders, showcasing effective teamwork and strong marketing strategies.

## Skills and Language

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- **Soft Skills:** Project Management, Leadership, Strategic Planning, Communication, Relationship Building, Marketing, Market & Product Analysis.
- **Hard Skills:** Data Science, Machine Learning, Computer Vision, Deep Learning, Neural Network, Artificial Intelligence, Business Analysis, Python, Jupyter Notebook, SQL, Data Visualization.
- **Language:** English, Bahasa Indonesia (Native)

## Certificate

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- **Data Science Course** by HIMASTA ITS
- **Neural Network and Deep Learning** by DeepLearning.AI
- **Advanced SQL** by Hackerrank
- **Python** by Hackerrank
- **Confident Public Speaking** by Ganesha Public Speaking

## Project

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- **Water Bacteria Classification using YOLO Images**  
Utilized various YOLO models (e.g., YOLOv5n, YOLOv8n) to classify multiple bacterial classes in water samples. Applied advanced preprocessing techniques, such as image segmentation, morphological operations, and contrast enhancement, to improve image quality and feature extraction. Achieved a significant boost in classification accuracy, demonstrating the effectiveness of combining preprocessing with robust YOLO object detection.
- **Fashion Classification using Resnet50 - Hology 7 Data Mining Competition 2024**  
Collaborated on a project to classify clothing type and color using a pretrained ResNet model combined with Bayesian Network and Monte Carlo Sampling to enhance accuracy and handle data uncertainty. This

innovative approach led to only 2 misclassifications in testing, showcasing my ability to integrate deep learning with probabilistic methods for optimal performance.

- **Enhance the effectiveness of energy production from solar panels at a particular site - DAC PRS 2024**  
Analyzed a time series dataset to optimize solar panel energy production. Performed data cleaning, feature engineering, and used XGBoost for its strong performance in handling residual errors and data dependencies. Hyperparameter tuning further boosted the model's accuracy, resulting in a top-20 ranking out of 135 participants, highlighting the success of my analytical and modeling techniques.
- **Apple Quality Classification**  
Conducted data analysis on an Apple dataset with quality indicators. Applied data cleaning, EDA, and feature engineering to extract valuable insights. Developed a custom neural network and compared it against models like XGBoost. Secured 11th place out of 96 participants, demonstrating the strength of my comprehensive data preparation and model evaluation strategies.
- **"Makan Siang Gratis" Sentiment Analysis**  
Developed a sentiment analysis model to evaluate feedback on free lunch programs using a text dataset. Applied various Natural Language Processing (NLP) techniques, including tokenization, stemming, and word embeddings, to preprocess the text data effectively. Implemented a neural network model with advanced optimizers like Adam and RMSprop to enhance learning efficiency. The final model achieved high accuracy, demonstrating strong predictive capabilities and valuable insights into customer sentiment.

## Peserta 2

### Biodata

Nama : Rendi Andria Gita Putra  
Nama Panggilan : Rendi  
NRP : 5003221018  
Tempat, Tanggal Lahir : Mojokerto, 22 Agustus 2004  
Agama : Islam  
Alamat : Sooko Indah II, Jl. Louhan D-04, Kec. Sooko, Kab. Mojokerto, Jawa Timur  
No.Telp : 082264554345  
Email : rendiandriagp@gmail.com



### Pendidikan Formal

No	Tahun	Pendidikan	Lokasi	Jurusan
1.	2008 – 2010	TK Mambaul Hidayah	Mojokerto	-
2.	2010 – 2016	SDN Japan	Mojokerto	-
3.	2016 – 2019	SMPN 2 Kota Mojokerto	Mojokerto	-
4.	2019 – 2022	SMAN 1 Sooko	Mojokerto	MIPA
5.	2022 – Sekarang	Institut Teknologi Sepuluh Nopember	Surabaya	Statistika

### Kemampuan

- Statistical Program : C++, Minitab, R, SPSS, SAS, Python, MySQL, Minitab, Tableau, Power BI, QGIS, GeoDa, WinBUGS, Extend
- Microsoft Office : Ms. Word, Ms. Excel, Ms. Power Point  
Ms. Access
- Canva, Capcut.

### Pengalaman Seminar dan Pelatihan

Tahun	Seminar dan Pelatihan	Penyelenggara
2022	Pelatihan Spiritual dan Kebangsaan (PSB)	Institut Teknologi Sepuluh Nopember (ITS)

2022	Pelatihan Penelitian Karya Tulis Ilmiah Tingkat Dasar (PKTI-TD)	Himpunan Mahasiswa Statistika ITS (HIMASTA-ITS)
2022	<i>Basic Media Schooling</i> (BMS)	Himpunan Mahasiswa Statistika ITS (HIMASTA-ITS)
2022	Latihan Keterampilan Manajemen Kewirausahaan Tingkat Dasar (LKMW-TD)	Institut Teknologi Sepuluh Nopember (ITS)
2023	Latihan Keterampilan Manajemen Mahasiswa Pra-Tingkat Dasar (LKMM Pra-TD)	Badan Eksekutif Mahasiswa Fakultas Sains dan Analitika Data ITS (BEM FSAD ITS)
2023	Latihan Keterampilan Manajemen Mahasiswa Tingkat Dasar (LKMM TD)	Himpunan Mahasiswa Statistika ITS (HIMASTA-ITS)
2023	Upgrading Manajerial Event (UME)	UKM Bridge ITS
2023	Upgrading Manajerial Organisasi (UMO)	UKM Bridge ITS

### Pengalaman Kepanitiaan

Tahun	Acara	Posisi	Penyelenggara
2023	ITS Challenge 2023	Staff Teknis	UKM Bridge ITS
2023	Pelatihan Penelitian Karya Tulis Ilmiah Tingkat Dasar (PKTI-TD)	Staff Acara	Himpunan Mahasiswa Statistika ITS (HIMASTA-ITS)
2024	PEKAN RAYA STATISTIKA 2024	<i>Vice Manager Conference Subject</i> (CS)	Himpunan Mahasiswa Statistika ITS (HIMASTA-ITS)
2024	<i>Data Science Course</i>	Ketua Material	SCC HIMASTA-ITS
2024	<i>Information System Expo</i>	Mentor Intermediate Academy	Departemen Sistem Informasi ITS

### Pengalaman Organisasi

Tahun	Jabatan	Organisasi
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2023	Staff Magang Departemen Keilmiahan	Himpunan Mahasiswa Statistika ITS (HIMASTA-ITS)
2023	Staff Departemen PSDM	UKM Bridge ITS
2024	Sekretaris Departemen Internal	UKM Bridge ITS
2024	Staff TD	SCC HIMASTA-ITS

### Pengalaman Kejuaraan & Penghargaan

Tahun	Kejuaraan	Penyelenggara
2023 & 2024	Semifinalis <i>Statistics Team Competition</i> LOGIKA UI	FMIPA Universitas Indonesia
2024	Finalis <i>Objective Quest Aironology 2.0</i>	BEM FTMM Universitas Airlangga
2024	Semifinalis <i>National Statistics Competition</i> Satria Data	Kementerian Pendidikan, Kebudayaan, Riset dan Teknologi (Kemdikbud)
2024	Penerbitan Buku “Pengenalan Python untuk Statistika dan Sains Data”	Departemen Statistika ITS

Demikian *Curriculum Vitae* Mahasiswa dan keabsahan data ini dibuat sebenarnya dan untuk digunakan sebagaimana mestinya.

Surabaya, 28 Oktober 2024



Rendi Andria Gita Putra

NRP. 5003221018



# YANUAR EKA PRAMUDYA

+6282334175080 | pramudyanyuar@gmail.com | linkedin.com/in/yanuar-eka-pramudya | github.com/pramudyanyuar

Surabaya, Jawa Timur, Indonesia

I am an enthusiastic and driven third-year student pursuing a degree in Computer Science at the prestigious Sepuluh Nopember Institute of Technology. With an unwavering motivation to explore the frontiers of knowledge, I am constantly seeking opportunities to broaden my horizons. I thrive on thinking critically and approaching challenges with a creative mindset. Alongside these attributes, I possess exceptional communication skills that allow me to effectively convey complex ideas and collaborate seamlessly with others. Above all, my profound passion for the field of technology fuels my determination to make a significant impact in this rapidly evolving industry.

## Pendidikan

**Institut Teknologi Sepuluh Nopember - Indonesia**

Jun 2022 - Jan 2026 (Expected)

*Bachelor Degree in Informatics, 3.74/4.00*

- Relevant Courses : Data Structures and Algorithm, Object-Oriented Programming, Database Systems, Software Engineering Principles, Operating Systems, Web Development
- Achievement : Finalist Gemastik XVII - Software Development (On going)

## Work Experiences

**Megalogic - Jakarta**

Apr 2024 - Present

*Flutter Developer Internship*

Megalogic is the premier software house for startups, marketing websites, and landing pages. Our team of experts can help you build a professional and effective website to promote your brand and achieve your business goals

- Contributed to the development of ecoTravel Mobile App using Flutter, implementing key features for an intuitive and responsive user interface, enhancing the user experience for over 200 eco-conscious travelers.

## Organisational Experience

**Schematics NLC 2024 - Surabaya, Indonesia**

Mar 2024 - Present

*Expert Staff Of Logic Division*

Schematics is an annual event organized by ITS Informatics Department students since 2013. Schematics consists of 4 sub-events (Schematics NLC, Schematics NPC, Schematics BST, and Schematics REEVA) each of which has its own characteristics and complements each other. This makes Schematics one of the biggest events in ITS that has the widest and most comprehensive target all over Indonesia.

- Create and curate original logic problems that vary in complexity (easy, medium, and hard) to accommodate different skill levels of participants.
- Ensure problems are unique, clear, and solvable within the competition's time constraints.
- Collaborate with other problem setters and competition organizers to review and validate problem sets for fairness and accuracy.
- Develop and provide detailed solutions and explanations for each problem, ensuring correctness and clarity.
- Test all problems under timed conditions to ensure solvability and appropriate difficulty levels.
- Assist in addressing any participant questions or clarifications during the competition regarding the problem sets.
- Provide feedback post-event to improve future competition problem designs.

**Himpunan Mahasiswa Teknik Computer-Informatika ITS (HMTIC) - Surabaya, Indonesia**

Mar 2024 - Present

*Deputy Head of Academic Bureau*

Himpunan Mahasiswa Teknik Computer-Informatika ITS or HMTIC ITS, is a student organization focused on managerial, academic, and talent development, supporting professional growth in the field of Informatics Engineering. HMTIC is a scientific and non-political organization.

- Develop and manage programs to support academic excellence and student success.
- Provide guidance and resources for academic planning and study strategies.
- Coordinate with academic advisors to address any issues or concerns regarding study plans.
- Monitor and review FRS submissions to ensure compliance with academic regulations.
- Maintain and update a database of internship opportunities and related information.
- Keep track of available scholarships and funding opportunities.

**UKM Catur ITS - Surabaya, Indonesia**

Mar 2024 - Present

*Expert Staff of External Division*

UKM Catur ITS, commonly known as UCITS, is a Student Creativity Unit focused on the development of chess sports at ITS. UCITS was



first established in 2008, initially as part of the UKM Bridge, and officially became an independent entity in 2010.

- Organize and coordinate visits to other organizations or institutions for benchmarking and knowledge exchange.
- Plan and arrange open talk events with external speakers or experts.
- Manage event logistics including scheduling, venue, and promotion.
- Organize seminars on relevant topics for members and the broader community.
- Handle logistics such as booking venues, arranging materials, and managing registrations.
- Coordinate travel arrangements and logistics for delegations attending competitions

#### **ILITS Forda Nganjuk 2024 - Nganjuk, Indonesia**

Sep 2023 - Feb 2024

##### *Head of Public Relations*

Ini Lho ITS! is an annual event that helps the high schoolers to find majors that match their dreams, talents, and interests. Usually, we have a series of events consisting of: OPEN CAMPUS, VISIT, and WELCOME.

- Contacting schools to request permission for socialization activities.
- Preparing and sending proposals for socialization to school authorities.
- Following up with schools to confirm permits and schedules.

#### **Staff of Student Welfare Division - Surabaya, Indonesia**

Feb 2023 - Dec 2023

##### *BIDIKMISI ITS*

BIMITS is an organization formed based on shared circumstances and responsibilities, consisting of students who manage significant scholarship funds from the public. Its main objective is to fulfill the goals of the Bidik Misi program from the Minister of National Education, specifically aimed at breaking the cycle of poverty within families and the surrounding community at large.

- Assist students who are facing challenges during academic evaluations and the study period.
- Offer tutoring and academic support in specific subject to enhance students understanding and performance.
- Disseminate information about competitions, scholarships, and other opportunities available to students.

#### **Schematics NLC 2023 - Surabaya, Indonesia**

Feb 2023 - Nov 2023

##### *Expert Staff Of Logic Division*

Schematics is an annual event organized by ITS Informatics Department students since 2013. Schematics consists of 4 sub-events (Schematics NLC, Schematics NPC, Schematics BST, and Schematics REEVA) each of which has its own characteristics and complements each other. This makes Schematics one of the biggest events in ITS that has the widest and most comprehensive target all over Indonesia.

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- Test all problems under timed conditions to ensure solvability and appropriate difficulty levels.
- Assist in addressing any participant questions or clarifications during the competition regarding the problem sets.
- Provide feedback post-event to improve future competition problem designs.

#### **ILITS Forda Nganjuk 2023 - Surabaya, Indonesia**

Nov 2022 - Feb 2023

##### *Staff of Event*

Ini Lho ITS! is an annual event that helps the high schoolers to find majors that match their dreams, talents, and interests. Usually, we have a series of events consisting of: OPEN CAMPUS, VISIT, and WELCOME.

- Develop a comprehensive run-down of the event, including load times, specific events, personnel in charge, equipment requirements, and locations.
- Oversee and address technical issues during the event to ensure smooth operation, including equipment setup and troubleshooting.
- rack the event timeline and ensure that each segment proceeds as planned, making adjustments as needed.
- Organize and ensure timely delivery of materials to all participants.

#### **MABA CUP ITS - Surabaya, Indonesia**

Sep 2022 - Dec 2022

##### *Staff of Data Management Division*

MABA CUP ITS is a competition event held to develop the skills of ITS new students, especially in Arts, Linguistics, Music, and Sports. MABA CUP ITS is organized by Lembaga Minat Bakat Institut Teknologi Sepuluh Nopember (LMB ITS).

- Ensure the accuracy and completeness of participant information.
- Track and record attendance for events or sessions.
- Create and issue certificates for participants, ensuring correct details and timely delivery.

## **Keterampilan, Penghargaan & Pengalaman Lainnya**

- **Kompetisi** (2024): Finalist WordPress Case Competition 2024 (Ongoing), Finalist Gemastik XVII 2024 - Software Development (Ongoing)

- **Kemampuan:** Berpengalaman dalam pengembangan aplikasi web dan mobile menggunakan teknologi terbaru seperti Flutter, React, dan Node.js.
- **Ketertarikan:** Bersemangat untuk mengikuti perkembangan teknologi terbaru dan menerapkannya dalam proyek-proyek inovatif. , Tertarik dalam pembuatan aplikasi mobile yang menawarkan pengalaman pengguna yang mulus dan intuitif.