

Nur Delifah

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ABOUT ME

An Informatics Engineering graduate from State Islamic University of Sultan Syarif Kasim Riau, graduating Cum Laude with a GPA of 3.64/4.00. Recipient of the 2022 Riau Provincial Government Achievement Scholarship, until completing the study. Experienced in machine learning research, data processing and analysis, administrative management, and organizational activities. Served as a Student Research Assistant at the Business Incubator Laboratory, contributing to data collection, analysis, interpretation, and scientific publication, with several research papers published in SINTA 3-indexed journals. Also experienced in village population data management, including collecting and entering data for more than 900 households into the Village Population Data Information System (SIDAK) while ensuring data completeness and accuracy. Skilled in organizational administration, financial management, and event coordination. Experienced in data analysis and machine learning, with working knowledge of Python and strong communication, teamwork, problem-solving, and adaptability skills. Seeking opportunities to contribute to and grow within administrative, operational, and project-based roles.

EDUCATION

State Islamic University of Sultan Syarif Kasim Riau (July 2022 - Jun 2026)

Fresh Graduate in Informatic Engineering (Bachelor of Engineering) | GPA: 3.64/4.00

- Awardee of the Riau Provincial Government Achievement Scholarship (2022 - 2026)

PUBLICATION

- Interpretative comparative analysis of LSTM and random forest for multi-label classification of English Qur'an translation | Science, Technology, and Communication Journal Vol 6 Issue 3 2026 | [link journal](#)
- A classification of Quran translations using K-nearest neighbors, support vector machine and random forest method | Science, Technology, and Communication Journal Vol 6 Issue 1 2025 | [link journal](#)
- UI/UX design thinking adoption for integrated AI point-of-sale system (Case study: Plastic Poultry Wholesale Store) | Science, Technology, and Communication Journal Vol 5 Issue 3 2025 | [link journal](#)

EXPERIENCE

Person in Charge(PIC) of Village Resident Data Entry (July 2025 - Aug 2025)

Community Service Program (Kuliah Kerja Nyata)

- Responsible for collecting and entering data for 900+ village households into the village Population Data Information System (SIDAK) website.
- Ensured the completeness and accuracy of all data entered into the system.

Student Research Assistant (Feb 2025 - April 2025)

Intern at Business Incubator Laboratory, Informatics Engineering

- Collaborated with the research team on studies applying machine learning and deep learning methods for data processing.
- Assisted in data collection, analysis, and interpretation within the research scope.
- Contributed to the preparation and submission process of scientific journal publications under the supervision of a faculty advisor & successfully published a scientific article indexed in Sinta 3 following this internship program.

ORGANIZATIONAL & ACTIVITIES

Informatics Engineering Student Association (HIMATIF) (2023)

- **Secretary of the Public Relations Division – HIMATIF 2023.**
 - Managed divisional administration and official correspondence.
 - Coordinated with internal and external parties to support organizational communication.

Campus Event Committee Member (2023–2025).

- **Treasurer for the 25th Anniversary of the Informatics Engineering Program**
 - Managed event funds, prepared financial reports, and ensured transparency in budget utilization.
- **Served in various divisions, including Documentation and Health.**
 - Supported the smooth execution of department-scale campus events in accordance with assigned roles

Activities to Enhance Academic Quality of Scholarship Program (2023 - 2026)

- **Achievement Motivation Training and Religious Moderation, Strengthening Religiosity, and Self-Management**
 - Participated in training focused on developing achievement motivation, strengthening religious moderation and religiosity, and improving self-management skills to support personal growth, discipline, and responsible decision-making.

CERTIFICATIONS

- Training : “ASSOCIATE DATA SCIENTIST + Python - Nasional” (Pusat Pengembangan Talenta Digital, 2026)
- Training : “Data Science dan Pemanfaatannya di Berbagai Sektor” (Pusat Pengembangan Literasi Digital, 2026)
- Achievement Motivation Training (AMT) program (Pemrov Riau, 2023)
- Technology and Information Seminar : “Get To Know of UI/UX Design” (Figma Squad, 2023)
- Technology and Information Seminar : “Peran Strategis Sains dan Dunia Industri di Era Kecerdasan Buatan” (Faculty Sains & Technology, 2023)
- MikroTik Certified Network Associate (MTCNA) (Mikrotik, 2020)

SKILLS

Core Competencies : Data processing and analysis, machine learning algorithm, predictive modeling, Data Entry and management, Administration, Financial management, communication skills, coordination, problem-solving, adaptability, collaboration and team management, and service orientation.

Technical : Programming Languages: Python, SQL ; Data Analysis: Pandas, NumPy, SciPy, Data Cleaning, Data Preprocessing ; Machine Learning & Deep Learning: Scikit-learn, Neural Networks, Feature Engineering, Model Development, Model Evaluation; Natural Language Processing (NLP): NLTK, Text Processing; Data Visualization: Matplotlib, Seaborn. Microsoft Office (Word, Excel, PowerPoint), Google Workspace(Docs, Sheets, Slides), Canva, Figma.

Language : Indonesia (Fluent), English (Intermediate)