

ALFONSUS ANTERO ARNAYUSRENDITO

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A Bachelor's degree graduate in Information Systems from Telkom University Surabaya with a 3-month internship experience as a Data Analyst. Skilled in data processing and visualization, system and business analysis, and applying data analysis techniques using Python, Excel, Matlab, SQL, and Power BI. Proficient in implementing Machine Learning and Natural Language Processing (NLP) methods to derive insights that support data-driven decision-making. Highly committed and detail-oriented in leveraging data to enhance efficiency, innovation, and organizational performance.

EDUCATION

Bachelor Degree in Information System (Surabaya Campus) - Telkom University Sep 2021 - Aug 2025

- GPA: 3.57/4.00
- Thesis Title : *"Implementation of a Hybrid-Based Researcher Recommendation System Using LDA and Naïve Bayes Models"* –Presented at the 2025 2nd Beyond Technology Summit on Informatics International Conference.
- Relevant Subjects : Data Mining, Machine Learning, Natural Language Processing, Data Warehouse & Business Intelligence, Information System Analysis and Design, UI/UX Development, & Web Programming.
- Participant in National Business Plan Competition 2023 STIM YKPN Yogyakarta.
- Participant in Playbox Season 4 Competition 2023 Institut Teknologi Telkom Surabaya.

Computer and Networking Engineering - SMKS Kristen Petra Surabaya Jul 2018 - May 2021

- Final Grade : 90.19

WORKING EXPERIENCES

BPSDMP KOMDIGI SURABAYA Jun 2024 - Aug 2024

Data Analyst Intern

- Analyzed performance data of 30+ employees based on trainee questionnaire responses to identify training effectiveness and performance trends.
- Leveraged Python Programming & Google Colab with the Pandas library to process employee performance evaluation data.
- Delivered results through an interactive dashboard and data visualization using Google Looker Studio.
- In addition to working as a Data Analyst, I was also required to participate in the training programs, both as a trainer and as a trainee.

ORGANIZATIONAL & COMMITTEE EXPERIENCES

Keluarga Mahasiswa Katolik Santo Filegon Telkom University Surabaya Feb 2024 - Jan 2025

Treasurer

- Conducting financial organizational management and audits.
- Preparing monthly financial reports and recording them on the spreadsheet.
- Represented the university through active involvement in KMK activities beyond campus and actively served in church ministry activities.

Entrepreneur Community Telkom University Surabaya Jan 2023 - Nov 2024

Human Resource Division

- Managing all aspects of Human Resources (HR) needs to support the implementation of work programs.
- Participating in marketing activities by establishing a food business.
- Participated as the chief organizer in the student entrepreneur community election, responsible for coordinating and managing the entire event.
- Contributing to external business plan and product design competitions.

CODER Telkom University Surabaya Dec 2021 - Dec 2023

UI/UX Design Division

- Participating in internal and external training activities focused on UI/UX design from basic, design, wireframe, user interface, prototyping, and mock-up.
- Contributing to internal and external competitions related to UI/UX design and other technologies.
- Participating in major UI/UX designer projects to develop a new CODER company profile.

Publication and Documentation

- Managing all documentation and design needs, including Instagram feeds, twibbons, and poster.
- Serving as a photographer to document the event.
- Creating event concepts along with all the necessary elements to enhance the attractiveness of the event.

Himpunan Mahasiswa Sistem Informasi Telkom University Surabaya

May 2023 - Nov 2023

Research and Technology Staff

- Creating an Instagram feed showcasing the progress and implementation of current technology trends.
- Serving as a coordinator for a competition, providing facilities and infrastructure.
- Conducting a bootcamp/training namely the *IS Academy* to provide insights for information system students.

PROJECT & RESEARCH EXPERIENCES

Hybrid-Based Researcher Recommendation System

Sep 2024 - Aug 2025

Thesis/Final Project

- Collected, cleaned, and analyzed 2000+ publication data from Google Scholar to identify research topic patterns.
- Conducted exploratory data analysis (EDA) on text data prior to applying NLP and machine learning models.
- Applied NLP techniques including text preprocessing and topic modeling using Latent Dirichlet Allocation (LDA).
- Built and evaluated a Naïve Bayes classification model to support researcher recommendations with 87.65% accuracy.
- Interpreted model results to support data-driven researcher recommendations through a Flask-based web application.

Mind-U To Do List App

Oct 2023 - Jan 2024

Software Engineering Capstone Project Subject

- The development system uses the Scrum method.
- Act as a System Analyst by analyzing user requirements and translated them into functional system workflows and UML diagrams.
- Conducted requirement analysis to support system functionality and usability decisions.
- Developing a mobile application with React Native and using GitHub as the collaboration tool.

CODER Company Profile Re-design Project

Jun 2023 - Sep 2023

CODER Telkom University Surabaya

- Analyzed user needs and behavior to support interface structure and information hierarchy design.
- Designing the user interface, wireframes and prototypes to improve content clarity and user navigation.
- Creating prototypes to test the functionality of the website application concept.

Cash-IS (Cash - Information System)

Jun 2023 - Aug 2023

Framework Programming Final Project Subject

- Developing a web-based cashier application with a case study focused on pharmacy cashiering.
- Developing a web-based application using the Laravel framework, with GitHub as the collaboration tool.
- Applying inventory in/out reporting features to facilitate cashier transactions with customers.
- Developed stock and transaction reporting features to accurately monitor and analyze sales performance.

CERTIFICATE

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| • English Proficiency Test with score: 470 | Dec 2024 |
| • AC010 - Business Processes in Financial Accounting by SAP | Feb 2024 |
| • HR050 - Business Processes in Human Capital Management by SAP | Jan 2023 |

SKILLS

Language	: Indonesia & English
Soft-Skill	: Analytical Thinking, Problem Solving, Detail-Oriented, Time Management, Team Collaboration, Good Communication, and Adaptability.
Software Skill	: Microsoft Word, Microsoft Power Point, Canva, Figma, Miro, and Github.
Data Skill and Tools	: Microsoft Excel/Spreadsheet, Flask, MySQL, Matlab, Visual Studio Code, Google Colab, Power BI, Looker, and Tableau.
AI/ML	: Data Processing, Classification, Natural Language Processing, Topic Modelling, and Data Visualization.