

ALFONSUS ANTERO ARNAYUSRENDITO

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A Bachelor's degree graduate in Information Systems from Telkom University (Surabaya Campus) with a 3-month internship experience as a Data Analyst. Skilled in data processing, business and system analysis, and web development using Laravel, Vue.JS, and Flask. Familiar with UI/UX design principles and data analytics techniques, including Machine Learning and Natural Language Processing (NLP) using Python. Passionate about creating data-driven and user-centered digital solutions while continuously developing technical and analytical skills to drive organizational and industry growth.

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 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

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

- 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 Office, Microsoft Excel, Microsoft Power Point, Canva, Figma, Miro, Draw.io, Visual Studio Code, Google Colab, Power BI, Looker, GitHub, Laragon, Trello, and Notion.
Programming Skill	: Python, HTML, CSS, Javascript, PHP, and MySQL.
Framework & Libraries	: Laravel, Flask, Vue.JS, Tailwind CSS, and Bootstrap.
AI/ML	: Data Processing, Classification, Natural Language Processing, Topic Modelling, and Data Visualization.