

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

Telkom University - Surabaya, Indonesia

Oct 2021 – Aug 2025

Bachelor Degree of Information System (Surabaya Campus), GPA 3.57/4.00

- Thesis Title: Implementation of a Hybrid-Based Researcher Recommendation System Using *LDA* and *Naïve Bayes*.
- 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 IEEE 2025 2nd Beyond Technology Summit on Informatics International Conference.
- Participant in National Business Plan Competition 2023 STIM YKPN Yogyakarta.
- Participant in Playbox Season 4 competition 2023 Institut Teknologi Telkom Surabaya.

WORKING EXPERIENCES

BPSDMP Kominfo Surabaya - Surabaya, Indonesia

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 code with Pandas library in Google Colab to process employee performance evaluation data.
- Delivered results through an interactive dashboard and data visualization using Google Looker Studio.
- Besides as Data Analyst, I was also required to participate in the training programs, both as a trainer and as a trainee.

ORGANIZATIONAL EXPERIENCES

Keluarga Mahasiswa Katolik Santo Filegon Telkom University Surabaya - Surabaya, Indonesia 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 - Surabaya, Indonesia

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 - Surabaya, Indonesia

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.

Himpunan Mahasiswa Sistem Informasi Telkom University Surabaya - Surabaya, Indonesia

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 - Surabaya, Indonesia <i>Thesis/Final Project</i>	Sep 2024 – Aug 2025
<ul style="list-style-type: none">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 <i>Latent Dirichlet Allocation (LDA)</i>.Built and evaluated a <i>Naïve Bayes</i> 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 Mobile Application - Surabaya, Indonesia <i>System Analyst – Software Engineering Capstone Project Subject</i>	Oct 2023 – Jan 2024
<ul style="list-style-type: none">Conducted user requirement analysis and translated them into functional workflows and UML diagrams.Defined system scope and prioritized features to support usability and development efficiency.Collaborated with developers using Scrum methodology to align requirements and implementation in a React Native-based mobile application.	
Organizational Profile Design Project - Surabaya, Indonesia <i>UI/UX Design – CODER Telkom University Surabaya</i>	Jun 2023 – Sep 2023
<ul style="list-style-type: none">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 (Pharmacy Cashier Information System) - Surabaya, Indonesia <i>Framework Programming Final Project Subject</i>	Jun 2023 – Aug 2023
<ul style="list-style-type: none">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

- English Proficiency Test with score: 470. Dec 2023
- SAP AC010 - Business Processes in Financial Accounting. Feb 2023
- SAP HR050 - Business Processes in Human Capital Management. 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/Excel, Canva, Figma, Miro, Draw.io, Visual Studio Code, Google Colab, Power BI, Looker Studio, GitHub, Laragon, Trello, and Notion.
Programming Skill	: Python, HTML, CSS, Javascript, PHP, and SQL (MySQL, PostgreSQL).
Framework & Libraries	: Laravel, Flask, Vue.JS, Tailwind CSS, and Bootstrap.
AI/ML	: Data Processing, Data Scraping, Classification, NLP, Topic Modeling, and Data Visualization.