

# 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

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- 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

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- 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

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- 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**

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**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
- AC010 - Business Processes in Financial Accounting by SAP
- HR050 - Business Processes in Human Capital Management by SAP

Dec 2024

Feb 2024

Jan 2023

**SKILLS**

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<b>Language</b>	: Indonesia & English
<b>Soft-Skill</b>	: Analytical Thinking, Problem Solving, Detail-Oriented, Time Management, Team Collaboration, Good Communication, and Adaptability.
<b>Software Skill</b>	: 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.
<b>Programming Skill</b>	: Python, HTML, CSS, Javascript, PHP, and MySQL.
<b>Framework &amp; Libraries</b>	: Laravel, Flask, Vue.js, Tailwind CSS, and Bootstrap.
<b>AI/ML</b>	: Data Processing, Classification, Natural Language Processing, Topic Modelling, and Data Visualization.