

DANIEL ANDRES SIMANGUNSONG

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Jl Kapten Zubit No.77 Aek Kanopan, Kab. Labuhan Batu Utara, Prov. Sumatra Utara

I am a student of information systems with a strong passion for website development. I am a quick learner and highly enthusiastic about acquiring new skills, particularly in the fields of Website Development and Data Science. I excel in team collaboration and am eager to be guided by experienced developers.

Work Experiences

Del Institute of Technology - Situluama, Indonesia

Sep 2023 - Present

Student Teaching Assistant Web Application Programming and Testing

- Assist and teach students on the practicum schedule
- Assists the instructor in class activities by grading assignments, tutoring, and supervising exams
- Teaches how to use Github Copilot correctly for final college research

SimpliDOTS - Medan, Indonesia

Jun 2023 - Sep 2023

Frontend Developer Intern

Developing a design system using the Angular and TypeScript framework which will be implemented by Sales Management Hub.

- Build the SimpliDOTS Design System Library which contains basic components.
- These basic components can be customized in color, size, background, assets and component contents by the developer.
- This library can be accessed in the NPM Package so it can be used publicly.

Startup Campus - MSIB - Indonesia

Feb 2023 - Jun 2023

Data Science Learning Path

Currently enrolled in a 5 month Data Science course led by a professional technology instructor. This course covers Statistics, analysis, data wrangling, data visualization, deep working with SQL & python tools, and machine learning on structured data.

Del Institute of Technology - Situluama, Indonesia

Sep 2022 - Dec 2022

Student Teaching Assistant Algorithms and Data Structures

Assist and teach student on the practicum schedule.

Del Institute of Technology - Situluama, Indonesia

Sep 2021 - Dec 2021

Student Teaching Assistant Visual Programming

Assist and teach student on the practicum schedule. Assisted instructor with in-class activities by grading assignments, tutoring and proctoring examinations.

Education Level

Institut Teknologi Del - Situluama, Indonesia

Sep 2020 - Sep 2024 (Expected)

Bachelor Degree in Information System, 3.51/4.00

Organisational Experience

Google Developer Student Club of Institut Teknologi Del - Situluama, Indonesia

Sep 2023 - Present

Core Team ML/Data Science

BEM of Del Institute of Technology - Situluama, Indonesia

Feb 2021 - Mar 2023

Member of Department Of Information And Communication

Documenting important campus events and organizing and disseminating documentation artifacts

Del Cyber Security Club - Situluama, Indonesia

Oct 2020 - Present

Member

Holding webinars with expert speakers and conducting discussions among team members to prepare for the competition

Del Programming Club - Situluama, Indonesia

May 2022 - Present

Core Coding Team

Practice solving algorithm/logic problems given by the supervisor to take part in the competition

Skills, Achievements & Other Experience

- **Achievements** (2021): Member of Finalist Team National IT Student Show (GEMASTIK), created a proposal regarding hoax

detection based on sentence structure and diction selection

- **Projects** (2023): Library Design System SimpliDOTS, Projects that contain basic components that can be customized, including text, color, size, and even content. This project was built using the Angular framework.
- **Projects** (2023): Web Application Programming and Testing Project (Del Clinic), Collaborate in a team to develop a website that controls patient data and assets at the Del Institute of Technology clinic. This website is built using Laravel framework and SQL database.
- **Projects** (2023): Power Human Project, Develop a website that controls / manages a company such as controlling employees and their responsibilities.. This website is built using the Laravel framework, Nuxt Js and MySQL database.
- **Projects** (2023): Home Credit Default Risk, Analysis of customers whether they churn or not uses the CRISP - DM approach with the best LightGBM model and has been implemented on the dashboard. This analysis is made using the python language.
- **Projects** (2023): Penguin Dataset Analysis, The analysis of penguin species based on their beak uses the CRISP - DM approach with the best LightGBM model and has been implemented on the dashboard. This analysis is made using the python language.
- **Projects** (2023): Heart Disease Prediction, Analysis of whether a person has heart disease or not uses the CRISP - DM approach with the best LightGBM model and has been implemented on the dashboard. This analysis is made using the python language.
- **Projects** (2023): My Portfolio, This website contains data about myself and any projects I have worked on.
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- **Projects** (2023): Real Time Chat, develop web chat to 1 person or group using the NPM design. This website was built using Node Js
- **Projects** (2023): Analysis Weather-Dataset, There are several questions given in the project and then solved with the help of Python.
- **Projects** (2022): Artificial Intelligence Project(Attendance Tracking Based On Face Recognition), built using the python programming language with the Computational thinking (CT) method.
- **Soft Skills:** Communication Skills, Teamwork, Time Management, Analytical
- **Hard Skills:** Angular, Laravel, Python, Java, OOP, REST APIs, Angular, Vue, TypeScript, PHP, SQL, JavaScript, HTML, CSS, UI/UX, SDLC, Canva