AGNES CICILIA MARBUN

+62812-6586-7557 | agnesmarbun2311@gmail.com | [LinkedIn](#) | [Website](#) | [GitHub](#) | Medan, ID (Indonesian citizens, can relocate)

Informatics student at Del Institute of Technology. Focusing on Web Development, Data Science, D Machine Learning, and interested in UI/UX Design.

EXPERIENCE

STUDENT ACTIVITY UNITS — Laguboti, ID
CHAIRMAN — Oct 2023

- As deputy chairman for 2022/2023 period
- 3DC Coordinator at the Del Technology Institute IDG event
- Substitute Coordinator for the Head of the Modern Dance Division
- Active in participating in every work program

STUDENT EXECUTIF BOARD — Laguboti, ID
TREASURE

Juli 2023 - Present

- Part of the publications and documentation division in the 2022/2023 period
- Decoration division and business funds at the 2022 cultural festival
- Judge at new member recruitment test

TRIDHARMA : COMMUNITY SERVICE
MEMBER — Laguboti
December 2021

- Members who participate in community service activities by Del Institute of Technology lecturers
- Participate in creating event reports Judge at new member recruitment test
- Participate in visiting partners and keynote speakers in outreach to the community

EDUCATION

INSTITUT TEKNOLOGI DEL — Laguboti, ID
Associate of Informatics — Expected graduate Oct 2025

Cumulative GPA: 3.18/4.0;

Relevant Coursework: Algorithms; Data Structures; Clean Code and Design Pattern; Object-Oriented Programming; Database;

PROJECTS

AGNES CICILIA MARBUN - Personal Website — Oktober 2023

- Designed and developed a personal website with attention to Core Web Vitals and achieved 100 scores for Performance, Accessibility, Best Practice, and SEO. Ranked 1st in Google Search with a monthly 8.000-9.000 impressions
- Utilized: **JavaScript, HTML, CSS, PHP, Netlify**

SUDOKU SOLVER USING HEURISTICS SEARCH BACKTRACKING – Aplication   Oktober 2023
- The most suitable heuristic to use in increasing the efficiency of sudoku code is the singleton heuristic. Because this method is the simplest and can provide good results with relative overhead.
- Utilized: **Python**

CHATTING APPLICATION – Aplication   June 2023
- A chat application is an application that allows users to communicate directly with each other via text, images, sound, or other media. In this computer networks course project I use Python. Python has a syntax that is easy to read and understand, making it suitable for application development with diverse teams. Its combination of ease of use, rich library ecosystem, and flexibility makes Python a popular choice for chat application development.
- Utilized: **Python**

OLIS WEBSITE REDESIGN – Design and Prototype   Feb 2023
- The human-computer interaction course focuses on good user experience. A good user experience if it meets good usability and the important components in it. In its development, every element and structure is needed up to the elements that need to be repaired and a more attractive appearance in the redesign of the online library system website (olis)
- Utilized: **Figma**

DEL INSTITUTE OF TECHNOLOGY HOMEPAGE REDESIGN – Design   Mei 2023
- The human-computer interaction course focuses on good user experience. A good user experience if it meets good usability and the important components in it. In this project, I carried out a Del Institute Of Technology Homepage using the figma tools. I put the application of the learning I have received on this website
- Utilized: **Figma**

CALCULATOR SCIENTIFIC – Aplication   Oktober 2022
- A scientific calculator is a calculator that provides complex and special mathematical functions. In this project, I created it using the Java language and tools available in NetBeans which help in adding functions to the calculator application that has been created. For the GUI display, it was created directly in NetBeans and uses existing tools
- Utilized: **Java, NetBeans**

FINANCIAL RECORDS – Aplication   November 2022
- Building a financial records application with Object Oriented Programming (PBO) involves creating classes and objects that can represent specific entities and functionality. By using the tools available in NetBeans, a simple and efficient GUI can be created. In its creation it was built using the Java language.
- Utilized: **Java, NetBeans**

TECHNICAL SKILLS

Languages: C, JavaScript, HTML, CSS, Laravel, Java, Python, and SQL.