



GRACE CHRISTINA YOHANNA SITUMORANG

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Pematangsiantar, Sumatera Utara

As a student of Information Systems at Institut Teknologi Del, I am passionate about pursuing a career in project management, business analyst, system analyst, web developer, and software testing. I have actively participated in several competitions, organizations, committees, and volunteer activities, which have helped me hone my leadership, collaboration, problem-solving, and communication skills. These skills have been evident in my leadership of academic projects and as a class president. I have also demonstrated strong interpersonal skills with team members, structured work, and collaboration. This experience was evident when I led the SyRS Documents project for the Design of the Document Information Management System at the IT Del SPMI Unit, Delpedia Application System, which received a satisfactory grade. With a strong sense of curiosity, I am looking for opportunities to contribute in the field of project management, business analyst, system analyst, and software testing by applying my knowledge and interests to build a career in the current industry.

Education Level

Del Institute of Technology - Situluama, Sumatera Utara

Aug 2021 - Aug 2025 (Expected)

Bachelor Degree in Information System, 3.57/4.00

- IT Del Achievement Scholarship Odd Semester 2021/2022 (awarded for being one of the top 5 students in the Information Systems program)
- IT Del Cumlaude Potential Scholarship Even Semester 2022/2023 (obtained for being one of the top 5 students in the Information Systems program)
- Student Lecturer for Architecture and Computer Organization (facilitated learning for 103 students by producing an average practicum score of 80% over 1 years, through interactive sessions and practical demonstrations)
- Student Lecturer for Electrical Engineering Database Course to Supervise and guide 8 students' group in analyzing, designing, and constructing a rental and boarding house database through facilitating consultation sessions on database theory, impacting 51 students.
- Related Courses: Organization and Management, Software Engineering, Design and Systems Analysis, and Information Systems Project Management

Project Experiences

Software Engineering Course Project

Jun 2021 - Dec 2021

- Create SRS and FSD documents regarding the Delpedia Application System.
- Scrum Implementation Using Coda Management Tools

Design and Systems Analysis Course Project

Jan 2022 - Jun 2022

- Creating SyRS Document for the Design of Document Management Information System in SPMI Unit IT Del

Information Systems Project Management Course Project

Jun 2023 - Present

- Information System Design for IT Del Student Activities with target time period 1 year by setting a target to integrate 80% of all student activities into the system

Application Programming and Testing Course Project

Jun 2023 - Present

- Designing the Toba Fabric Art information system with 70% of ulos product sales successfully integrated into the website system and testing API products
- Create ToR and SyRS documents from Toba Art Information System Design

Artificial Intelligence Course Project

Jun 2023 - Present

- Developed a Malware Classification Model utilizing Support Vector Machine (SVM) Algorithm, achieving an accuracy rate of 68,96% which is potential in classifying malware instances.

Organisational Experience

Himpunan Sistem Informasi IT Del - Situluama, Sumatera Utara

May 2022 - Present

Member

Provides a conducive environment for Information Systems students to develop academically and non-academically, actively promoting the utilization of students' talents for beneficial community events.

- Committee member for the Student Leadership Development of Information Systems Batch 2022, (successfully enhancing positive contributions among 52 students by 90% in becoming members of the student association)
- Participating in various related to the activities and events, such as Welcoming Party, Refreshing HIMSI, Kopi Sore, and tutorial activities.

Member of Science and Technology Department

Contribute to the planning, coordination, and execution of various academic IT Del campus events.

- Successfully prepared the program proposal for the DIPTEK Goes to School event.
- Successfully served as a committee member for the Dipek Goes to School socialization event, effectively generating interest and enthusiasm among 194 students from SMP Negeri 4 Laguboti regarding digital technology.
- Successfully managed and coordinated the series of events for the Pra-PKM (Student Creativity Program) 2023 socialization.
- Served as a committee member for the organization of the Del ONMIPA (Mathematics and Science Olympiad), PKM (Student Creativity Program), and DMSC (Del Mathematics and Science Club) activities.

Committee, Competition, and Volunteer Activities

- **Head of Content Writing** (2020): Helpedia Indonesia
- **Master of Ceremony** (2021): Welcoming Party Members of Helpedia Indonesia
- **Event Division** (2022): BEM DIPTEK Goes to School Program at SMAN 1 Laguboti
- **Event Division** (2022): IT Del's Pre-PKM (Student Creativity Program) Socialization Program
- **Secretary** (2022): Cadre formation of the Class of 2022 IT Del Information Systems Association
- **Event Division** (2023): BEM DIPTEK Goes to School Program at SMPN 1 Pintu Pohan, Meranti, Toba
- **Event Division** (2023): Welcoming Party Himpunan Sistem Informasi 2023
- **Chairman** (2023): IT Del's Information Systems Class
- **Participant** (2023): Innovation System Category of the 2023 Healthkathon 2.0 Competition
- **Participant** (2023): 2023 Gemastik Competition in the Field of Data Mining

Skills & Other Experience

- **Hard Skills:** SQL Server, HTML, CSS, C, Java, Python, Database, Trello, Asana, Agile Methodologies, Scrum, User Experience Design, SDLC, API Testing, Microsoft Office
- **Soft Skills:** Leadership, Teamwork, Communication, Problem Solving, Time Management, Analytical, Adaptability
- **Certification:** Belajar Dasar Manajemen Proyek by Dicoding Indonesia, Belajar Dasar Structured Query Language (SQL) by Dicoding Indonesia, Guide to Learn SQL with AI at DQLab by DQLab, Memulai Dasar Pemrograman untuk Menjadi Pengembang Software by Dicoding Indonesia, HTML and CSS Basics: Building the Foundation of Web Development by Rakamin Academy, Visual Design Principles: Creating Eye-Catching Graphics by Rakamin Academy
- **Interest:** Project Management, Business Analyst, IT System Analyst, IT Consulting, Web Developer, Software Testing