Olivia Lumbantobing

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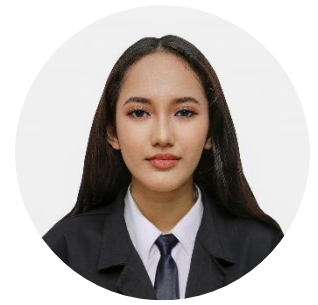
Summary

A recent graduate of Informatics Engineering seeking to use skills and knowledge in the IT role. Experienced and proficient in an assortment of technologies, including PHP, HTML, and CSS programming for web development, Python related to data analytics, software documentation, and expertise in using the Laravel and CodeIgniter frameworks to create dynamic and responsive websites. Able to effectively self-manage during independent projects, as well as collaborate in a team setting.

Internship Experience

Institut Teknologi Sumatera – South Lampung, Indonesia   Sep 2022 – Dec 2022
Assistant Lecturer of Information Technology Project Course
- Guided students (groups) to develop their projects.
- Scheduled and organized results of meetings to assist each group with project progress on a weekly basis.
- Help lecturers in monitoring project progress on a weekly basis.
- Mentored to check and provide suggestions for project development of documents and products.
- Provide guidance and feedback to students on their progress in the project assignment.
- Assessing the students' project results together with the lecturer.
- Collaborated with other assistants in guiding groups.

PT Taspen (Persero) – Jakarta, Indonesia   Jun 2022 – Aug 2022
Information Technology Department Intern
- Developed a web-based Project Management System application to manage project requests received by the Information Technology Division of PT Taspen (Persero) from other divisions and from the division itself. The development of this project is built with Laravel on a local database and the implementation will be integrated by staff for the company's internal database.
- Completed web development within 23 days using Rapid Application Development approach.
- Developed, designed, and tested applications using Figma, Laravel, and Bootstrap.
- Identify processes that can be automated and streamlined, improving efficiency and accuracy.
- Developed complex algorithms to process information efficiently.

Education

Institut Teknologi Sumatera – South Lampung, Indonesia   Aug 2019 – Aug 2023
Bachelor Degree of Informatics Engineering
GPA 3.50 of 4.00
Thesis : Comparison of K-Means with Particle Swarm Optimization and K-Means++ for Clustering Rice Production Levels in Sumatra and Java Islands.

Organizational Experience

Institut Teknologi Sumatera – South Lampung, Indonesia   Jan 2022 – Feb 2022
IT Division Staff Data Center Subdivision of PEMIRA PMK ITERA
- Managed PMK ITERA students account data in the PEMIRA PMK ITERA 2022 application (e-vote).

- As an implementing officer in directing each voter (active students) in using the PEMIRA PMK ITERA 2022 application (e-vote) by providing information on each voter's account to select candidates via Zoom.

Institut Teknologi Sumatera – South Lampung, Indonesia Apr 2021 – Aug 2021
Mentor (Foster Sister) Cadre of Lipphu Ghesa Student Choir ITERA
- Mentored for regenerating prospective members of Lipphu Ghesa Student Choir ITERA class of 2020.

HKBP Depok 2 – Depok, Indonesia Jan 2016 – Jan 2018
Event Staff of Youth HKBP Depok 2
- Managed events held by Youth HKBP Depok 2 (RHKBP).

Language

Indonesia	– Native
English	– Proficient (English Proficiency Test: 653)

Skill

Programming Languages	: Python, C++
Tools and Technologies	: GitHub, Figma, Canva, Trello, Microsoft Office, Visual Studio Code, Google Workspace, Colab
Databases	: MySQL
Operating Systems	: Windows
Web Development	: PHP, HTML, CSS, JavaScript, Laravel, CodeIgniter, Bootstrap
Software Development Lifecycle	: Agile, Scrum, Rapid Application Development

Project

Project Management System for Information Technology Department Jul 2022 – Aug 2022
PT Taspen (Persero) – Jakarta, Indonesia
As a full-stack developer, I developed a web-based Project Management System to manage project requests received by the Information Technology Division of PT Taspen (Persero) from other divisions and from the division itself. The application can store new project data, add documents, and project workflows that are organized according to the role and position of the active project. The development of this project is built with Laravel on a local database and the implementation will be integrated by staff for the company's internal database.

Inventory System Feb 2022 – May 2022
Askha Jaya Store – Bandar Lampung, Indonesia
As a backend developer, I built an application with the CodeIgniter 3 framework with PHP and CSS programming. This application can manage incoming and outgoing goods data, availability of goods, sold goods, user accounts, and sales reports from Askha Jaya Store.

Course and Certification

IDCamp 2023 Back-End Developer – Indosat Ooredoo Hutchison Digital Camp	Sep 2023 – Present
ITERA English Proficiency Test (TOEFL) score 653	Jul 2023
IDCamp 2022 Machine Learning Developer – Indosat Ooredoo Hutchison Digital Camp	May 2022 – Sep 2022
CodeIgniter 4 Web Programming - Camp 404	Apr 2022