# Ralfazza Rajariandhana

Indonesia

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Passionate to keep learning about software development. Took pride in educating students on the fundamentals of programming as well as data structures. Enjoy developing games and web applications for side projects.

## Experience

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### Data Structures Teaching Assistant | Institut Teknologi Sepuluh Nopember (ITS)

February 2024 - Present

Teaches international students data structures and algorithms using C/C++. Creates programming problems for quizzes and lab works. Assist lecturers in grading students.

### Expert Game Developer | Schematics ITS

January 2024 - Present

Design and develop games from zero using C# with Unity Engine to be used in the Schematics 2024.

### Lab Administrator | Algorithms and Programming Laboratory

January 2024 - Present

Administrator for ITS Informatics Engineering's Algorithms and Programming Laboratory. Vice Coordinator for the Data Structures course.

### Research Assistant | Institut Teknologi Sepuluh Nopember (ITS)

December 2023 - Present

Aide the lecturer's research by creating python scripts to analyze data.

### Basic Programming Teaching Assistant | Institut Teknologi Sepuluh Nopember (ITS)

August 2023 - December 2023

Teaches international students basic programming using C programming language up until simple sorting and searching algorithms. Creates programming problems for quizzes and lab works. Assist the lecturer in grading students.

### Game Developer | Schematics ITS

February 2023 - November 2023

Worked in a team to develop games using C# with Unity Engine for Schematics 2023. The games were played by over 1000 participants in the elimination round.

**Public Relations | Al-Izhar Pondok Labu Student Council**

October 2019 - January 2022

Specialized in documentation and information broadcasting.

## Education

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**Institut Teknologi Sepuluh Nopember (ITS)**

August 2022 - Present

Enrolled in Informatics Engineering International Undergraduate Program. 3.47 GPA for 57 credits throughout 3 semesters. Expected to graduate in 2026.

**Al-Izhar Pondok Labu**

July 2019 - May 2022

Graduated from Math and Natural Science course. Member of Environmental Club (2019-2022) and Public Relations (2019-2022).

## Skills

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**Tech Stack**

- Data structures and algorithms using C/C++
- Data analyzing using Python with pandas, matplotlib, and TensorFlow
- Game development and object-oriented Programming using C# with Unity Engine
- Web development using HTML, CSS, JavaScript, and PHP with Laravel Framework
- Database management using MySQL and PostgreSQL

**Languages**

- Indonesian (Native speaker)
- English (Proficient, TOEFL ITP score of 683)