

Farrel Andhika Rizky Putra

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Profile

Highly motivated third year Computer Science student. Strong problem-solving skills and ability to work under pressure. Has great interest in software development and IT operation. Proficient in HTML/CSS, JavaScript, PHP and SQL

Education

Computer Science, Diponegoro University 2020 – present
Semarang, Indonesia
GPA 3.70 out of 4 with 112 SKS Completion

High School, SMAN 8 Depok 2017 – 2020
Depok, Indonesia

Professional Experience

Laboratory Assistant, Diponegoro University 02/2023 – present
Semarang, Indonesia

- Computer Network Laboratory Assistant
Facilitated lecturer to provide guidance, discussion, and encourage skills to 50 of total computer science once a week for learning concepts, technologies, and principles used in the development and management of computer networks.
- Algorithm Analysis and Strategy Laboratory Assistant
Facilitated lecturer to provide guidance, discussion, and encourage skills to 53 of total computer science students once a week about how to design, analyze, and implement algorithms efficiently and effectively in solving certain problems.

Web Developer Intern, PT. Rekayasa Agromarin Indonesia 08/2022 – 12/2022
Jepara, Indonesia

- Developed a software to receive and collect data from sensors installed in the fishing environment in real time.
- Worked closely with 3 other team members in integrating website with arduino sensors and mobile applications
- Create a REST API that provide APIs to integrate with arduino sensor and mobile applications

Organizations

Ikatan Mahasiswa Rusunawa Undip, Interest and Talent Division 08/2022 – present
Responsible for developing and provide a forum for Rusunawa Students interests and talents in non-academic fields

Awards

Ida C. Koran Scholarship Awardee, Ida C. Koran Trust 2023
One of the scholarship recipient with a total award of USD 5.500

Certificates

Oracle Cloud Infrastructure Foundations I

Oracle Academy

Oracle Java Programming

Oracle Academy

Belajar Jaringan Komputer

Untuk Pemula [↗](#)

Dicoding Indonesia

Memulai Pemrograman Dengan

C [↗](#)

Dicoding Indonesia

Python for Data Science [↗](#)

IBM

Belajar Machine Learning

Untuk Pemula [↗](#)

Dicoding Indonesia

Cloud Practitioner Essentials (Belajar Dasar AWS Cloud) [↗](#)

Dicoding Indonesia

Belajar Dasar Pemrograman

JavaScript [↗](#)

Dicoding Indonesia

Belajar Dasar-Dasar DevOps [↗](#)

Dicoding Indonesia

Memulai Pemrograman Dengan

Python [↗](#)

Dicoding Indonesia

Data Science Methodology [↗](#)

IBM

Primavera P6 Professional

Fundamentals

Oracle Academy

Belajar Membuat Aplikasi Back-End untuk Pemula [↗](#)

Dicoding Indonesia

Belajar Dasar Structured Query Language (SQL) [↗](#)

Dicoding Indonesia

Belajar Prinsip Pemrograman

SOLID [↗](#)

Dicoding Indonesia

Data Science Foundation [↗](#)

IBM

Data Science Tools [↗](#)

IBM

Belajar Dasar Manajemen

Proyek [↗](#)

Dicoding Indonesia

Skills

Microsoft Office

Word, Excel, Powerpoint

Web Development

HTML/CSS (Bootstrap, TailwindCSS)

JavaScript (ReactJS, ExpressJS)

SQL (MongoDB, MySQL)

PHP (CodeIgniter, Laravel)

Python (Flask)

REST API

GitHub

IT Operation

Linux OS, Computer Network, Web Server

Cloud Computing

Oracle Cloud, AWS Cloud

Projects

Sentiment Analysis using VADER Algorithm, *Gemastik XVI Data Mining*

2023

Analyzing public sentiment comes from Facebook's social media comments towards the launch of the new logo for the new Capital City (IKN).

Monitoring Sensor Website, *monitoring.cemebsa.com* [↗](#)

2022

Applications to collect data from sensors installed in the fishing environment, such as sensors that measure temperature, pH, dissolved oxygen, and other parameters. These systems will allow users to view data in real-time and generate reports or graphs to better understand the data. The system may also include features such as alerts, which can notify the user if certain parameters fall outside of desired ranges. Developed using: CodeIgniter, Arduino Uno, Bootstrap.