

NAFIS AZIZI RIZA

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EDUCATION

Universitas Indonesia

Aug 2021 - Jun 2025

- Bachelor of Computer Science / Sarjana Ilmu Komputer (S.Kom), Cumulative GPA: 3.75/4.0
- Relevant Coursework: Data Structure & Algorithm, Platform Based Development, Database, Operating System, Computer Organization

National University of Singapore

Jan 2023 - May 2023

- Exchange students under ASEAN University Network Program, awarded UI RISE Scholarship
- Coursework: Design and Analysis of Algorithm, Interaction Design, Computer Network, Software Engineering & OOP, Programming Methodology II

SKILLS

Programming Languages

C++, Python, Java, Kotlin

Web/Mobile Development

React, Typescript, Javascript, HTML, CSS, Django, Flutter, Dart

Data, AI/ML

MySQL, PostgreSQL, MongoDB, TensorFlow, Keras, PyTorch, Scikit-Learn

EXPERIENCE

Software Engineer Intern

Jul 2023 - Present

Telkom Indonesia

Jakarta, Indonesia

Teaching Assistant

Aug 2022 - Jan 2023

Universitas Indonesia

Jakarta, Indonesia

- Taught and mentored a group of 8-9 students resulting in improved student performance and engagement.
- Led weekly lab meetings, created and assessed labs and programming assignments, tracking measurable progress and observing an average grade improvement of 75% among students.

Data Science Academy Staff

Apr 2022 - Nov 2022

Data Science Academy - COMPFEST 14

Jakarta, Indonesia

- The biggest IT event in Indonesia organized by students, aims to maximize the potential of technology.
- Developed 7+ the [pre-module for the Data Science Academy](#) (ML Libraries, Statistics, Python tools) and measured the curriculum to ensure its effectiveness & relevance.

Data Analyst

July 2022 - Aug 2022

DQLab

Jakarta, Indonesia

- Attained a highly competitive position among 153/8,978 through demonstrated expertise and qualifications.
- Conducted a comprehensive climate change analysis as the final project, reaching a user base of 20+.

PROJECTS

MatkulGue, University Course Catalog, Timetable Builder, and Course Planner

- Built a MERN stack web application for creating a course catalog and building personalized timetables. Incorporated a RESTful API to provide secure and efficient data access, enabling seamless integration.
- Scraped the course information (6K+) from the university official websites and setting up the database
- Improved scheduling efficiency & received positive feedback on the user-friendly interface and unique feature

ACB-ISBE, Conference Proceeding App, Web & Mobile App Version

- Designed and developed an app to enable 1600+ conference participants to access various informations of the conference using Python Django framework and Flutter.
- Managed the design and processing of the 500+ app's data, and created a robust search feature

SIREST, Fullstack Web App for Restaurant Order and Delivery

- Designed and executed the database schema using PostgreSQL alongside with a team of 5.
- Built the app by utilizing Django for 4 different roles, ensuring seamless user experience and functionality.

Prediction Starcraft II Matches, Generate ML Model to Predict Matchup of Each Games

- Performed EDA and made a predictive machine learning model to forecast matchups in Starcraft II matches with 80% accuracy.

Climate Change Analysis, Data Analysis (EDA) Dashboard About Climate Change in Indonesia

- Carried out [EDA on a climate change dataset in Indonesia](#), by utilizing libraries, resulting in the identification of key trends and patterns in climate change data, achieved 20+ users.

ACHIEVEMENTS

- **Top 20 (from 200+ teams) of Information technology Business Competition, Gemastik 2022.** The biggest IT competition in Indonesia held by Ministry of Education.