

ROY H SIMBOLON

Informatics Student

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CAREER SUMMARY:

An informatics student who understanding of web development (javascript and similar), machine learning (especially in python) and mobile development (Android Studio using Kotlin). Skilled in communication, collaboration, and technical documentation.

WORK EXPERIENCE:

On Going

RELEVANT PROJECTS:

Silayak STEI ITB

Web Developer | February, 2022 - May, 2022

- Built an website for the STEI ITB academic system which is mandatory project for a course.
- Make feature file upload and date picker to help fill out the form fields carried out by the client website and collaborate with other feature developers .
- Main Tech stack : **NodeJS, React-native, artifact (Kanban Board, Burndown Chart)**

WebGL

Web Developer | April, 2022 - May,2022 (about 2 weeks)

- Created a shadow object from array buffer use gl
- Made a transform of shadow object and setup gl program to load buffer
- Main Tech stack : **ReactJS, WebGL**

Data Analysis/Scientiest

Web Developer | April, 2022 (1 day)

- Do implement machine learning a dataset use Python
- Clean datasets, predict dataset values and required analysis of dataset
- Main Tech stack : **Python, Jupyter Notebook, Google Colab**

SiOptik

App Mobile (Android) | February, 2024 - present

- Building an Android application to process OCR on sirekap C1 paper which is a mandatory project for a course.
- Working on features together in parallel because the focus of this project is OCR (machine learning) accuracy.
- Main Tech stack : **Kotlin, OpenCV, artifact (Kanban Board, Burndown Chart)**

Link personal website : roysimbolon.github.io

EDUCATION:

2019 - present | **Bandung Institute of Technologi**

Bachelor of Informatics - Software Engineering

SKILLS:

- Web development (Javascript, React, API)
- Code structure and logic mathematics
- Design project development (Figma and technical document requirements (diagram))
- Machine Learning (Python)