

Erwin Tobing

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Education

Universitas Komputer Indonesia / B.S. Computer Science

Sept 2018 - Aug 2021, Bandung

GPA : 3.21

Experience

BNN Kota Bandung / Volunteer

Oct 2020 – Nov 2020, Bandung

Developed an android letter management app that can upload a letter file remotely and built a REST API to integrate the app with the existing website database.

Projects

Dotamagus / Dota 2 Hero Recommendation System

March 2021 - Present

- Collected 621.064 Dota 2 match data used for association rules mining and model training.
- Extract strong association rules from the dataset collected.
- Trained a machine learning model for match prediction with an accuracy of 63.43%.
- Using association rules and the model, built a hero recommendation website with a success rate of 81% from 1000 simulations.

Daimatus / Learning Platform for 4th Grade Students

Aug 2021 - Present

- Built a client site for the student to watch video materials and do quizzes.
- Built an admin site for the teacher to add, update, and delete video materials and quizzes.

Disposisi / Letters Management Android App

Aug 2020 - Jan 2021

- Built an android letter management app based on an existing website version, with capabilities to upload, update and delete a letter in png, jpg, pdf, or docx format.
- Built the REST API to integrate the app with MySQL database on the website server.

C++ Analyzer / Lexical Analyzer Website

July 2021 – Sept 2021

- Built a PHP website that accepts C++ source code as input and generates C++ tokens.

Skills

- **Languages** : (*proficient*) C++, Python (*familiar*) Java, PHP, JS, HTML/CSS, SQL
- **Software** : Git, Django, Android Studio, Bootstrap, Pandas, Scikit-learn, Tensorflow, JQuery, Gatsby, React JS, Node JS