Patrick

Jl.Sriwijaya Ujung No.8B Medan - Sumatera Utara 085358970303 patrickchenchen1@gmail.com



EDUCATION

2017-2020

SMA SUTOMO 1 MEDAN

• Majoring in Science

PERSONAL PROJECTS

Eatlevate

Project source code

- Created an Android app using Android Studio(Java) to track user's diet.
- Used Firebase to store user's data on their meal plan.

Finance

Project source code

- Developed web app using Python and Flask to mimic a stock market(manage portfolios of stocks).
- Users can simulate buying and selling stocks with real-time prices.
- Used API to fetch real-time stocks' prices by querying from <u>IEX</u>.
- Implemented session cookies to store user's login data.

Auction

Project source code

- Developed web app using Python and Django to mimic eBay's auction listings.
- Stored data about listings, comments, and winners in sqlite3 database.

Mail

Project source code

- Developed web app using Javascript and Django to simulate email service.
- Implemented APIs and Javascript to send and receive mails.

Traffic sign recognizer

Project source code

- Developed a machine that can recognize traffic signs in PNG files.
- Used Tensorflow to train the machine with convolutional neural network(CNN).

TECHNICAL SKILLS

Language: Python,C,C++,Javascript,Java

Framework: Flask, Django, Android Studio

Tools: Git

English: Scored overall 7.5 in IELTS Academic Test.

EXPERIENCES

- Completed "Algorithm and Programming" course by STMIK MIKROSKIL in 2019 with a 95 score.
- Member of 2019/2020 ADVANCED ELECTRONICS CLUB in SMA SUTOMO 1 MEDAN.
- Participate as a member in STEAM-based Robotic and Coding workshop by RumahEdukasi in 2020.
- Completed "Introduction to computer science" course by Harvard CS50X in 2021.