NICHOLAS TANRYO

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EDUCATION

BSc, Computer Science, CGPA: 3.5/4.0   September 2018 - July 2022
The Chinese University of Hong Kong – Hong Kong

High School Diploma, Science, Average: 93.5/100   July 2015 - May 2018
SMA Sutomo 1 High School – Medan

SKILLS

- Programming Languages: JavaScript/TypeScript, Python, Java, C/C++
- Building full stack web applications using web technologies such as React.js as the frontend framework and NodeJS with REST API as backend framework
- Incorporating MongoDB for database system in backend
- Working in Linux environment
- Implementing data structure & algorithm

PROJECTS

Ride Sharing Database System **|** Java, MySQL, Git   October 2020 – December 2020
https://github.com/nicktanryo/ride-sharing-system
- Working with a team of three to implement database system with user interface.
- Implement ride sharing core features for four roles such as Driver, Passenger, Administrator, and Manager.

Path Finding Visualizer **|** React, TypeScript, Data Structure & Algorithm   August 2020 – September 2020
https://github.com/nicktanryo/path-finding-visualizer/
- Create a visualization for Graph Theory algorithms
- Apply some of the most famous algorithms such as Dijkstra, A* Search, and Maze generator algorithm, Recursive Division Algorithm

COVID-19 Tracker **|** React, TypeScript, Leaflet, ChartJS, APIs   August 2020 – September 2020
https://github.com/nicktanryo/covid-19-tracker
- Perform API requests from specified data provider.
- Visualize data in table, chart, and map.

ACCOMPLISHMENTS

CUHK University Admission Scholarship   2018 - 2020
CUHK Faculty of Engineering Scholarship   2018 - 2020
Chung Chi College in Class Scholarship   2019
CUHK Honours at Entrance   2018