NICHOLAS TANRYO

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EDUCATION

BSc, Computer Science, The Chinese University of Hong Kong – Hong Kong   Expected in July 2022
CGPA: 3.5/4.0

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

SKILLS

- Programming Languages: JavaScript/TypeScript, Python, Java, C/C++
- Building full stack web applications using web technologies such as ReactJS 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
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, Material-UI, Data Structure & Algorithm
https://github.com/nicktanryo/path-finding-visualizer/
- Create a visualization for Graph Theory algorithms
- Apply some of the most famous algorithms such as Recursive Best-First Search (Dijkstra), A* Search, and Maze generator algorithm, Recursive Division Algorithm

COVID-19 Tracker | React, TypeScript, Leaflet, ChartJS, APIs
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