Nicholas Tanryo

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EDUCATION

THE CHINESE UNIVERSITY OF HONG KONG (CUHK)   *Hong Kong*

Bachelor of Science in Computer Science   *Sept. 2018 – **Present***

- GPA : 3.4/4.0   Expected graduation : June 2022
- Scholarship & Award:
  - 2018 – 2020,   CUHK University Admission Full Scholarship
  - 2018 – 2020,   Faculty of Engineering Admission Scholarship
  - 2019,   Chung Chi College In Class Scholarship
  - 2018,   CUHK Honours at Entrance
- Relevant Courses:
  - Building Web Applications   Software Engineering   Introduction to Database Systems

SKILLS

Languages	:	Indonesian (native), English (fluent)
Programming Languages	:	JavaScript, TypeScript, C, C++, Java, Python, Swift
Technologies & Software	:	React, NodeJS, Express, MongoDB, GitHub, Linux, Visual Studio Code, Xcode

PROJECTS

MONEY SHARING APP (GROUP)   *Dec. 2020 – Mar. 2021*

http://moneyshareapp.herokuapp.com/

- Designed and built a responsive web application with React and Bootstrap.
- Managed application control flow, user interface, and user experience.
- Assisted in backend infrastructure and user model creation.

RIDE SHARING SYSTEM (GROUP)   *Oct. 2020 – Dec. 2020*

https://github.com/nicktanryo/ride-sharing-system

- Built an application written in Java that connects and makes requests to provided SQL database.
- Designed and assembled three models, Driver, Passenger, and Manager, core functionalities.

PATH FINDING VISUALIZER (INDIVIDUAL)   *Aug. 2020 – Sept. 2020*

https://nicktanryo.github.io/path-finding-visualizer/

- Created a visualization for graph theory and path finding algorithms using React and Material UI.
- Analyzed and implemented algorithms such as Dijkstra, A* search, and Recursive Division algorithm.

EXTRACURRICULAR ACTIVITY

Software Engineering Virtual Experience – JPMorgan Chase & Co.   *May 2021*

- Use J.P. Morgan Chase framework and tool to display data visually for traders

Engineering Virtual Program – Goldman Sachs   *May 2021*

- Cracked leaked passwords from database using hacking tool such as hashcat