

Nicholas Tanryo

Portfolio: <https://nicktanryo.github.io>

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EDUCATION & PROFESSIONAL CERTIFICATION

THE CHINESE UNIVERSITY OF HONG KONG (CUHK)

Hong Kong

Bachelor of Science in Computer Science (GPA : 3.4/4.0)

Sept. 2018 – Jun. 2022 (Expected)

- **Scholarship & Award:**

- CUHK University Admission Full Scholarship
- Chung Chi College In Class Scholarship
- Faculty of Engineering Admission Scholarship
- CUHK Honours at Entrance

- **Relevant Courses:**

Building Web Applications Software Engineering Introduction to Database Systems

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM)

Hong Kong

Data Science Professional Certification | 

May 2021 – Jul. 2021

- Completed 10 data science courses including data analysis, data visualization, and machine learning.
- Applied data science knowledge into projects such as visualization app and building machine learning classifier.

SKILLS

Languages : Indonesian (native), English (fluent)

Programming Languages : JavaScript, TypeScript, C, C++, Java, Python

Technologies & Software : React, NodeJS, Express, MongoDB, GitHub, Linux, Visual Studio Code

WORK EXPERIENCE

IT INTERN – NET-MAKERS LIMITED

Jun. 2021 – **Present**

- Write well designed, testable, efficient code, and integrate data from various back-end services and databases
- Cooperate with web designers to create website layout/user interface using HTML/CSS

PROJECTS

MONEY SHARING APP

| <http://moneyshareapp.herokuapp.com/>

Dec. 2020 – Mar. 2021

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

RIDE SHARING SYSTEM

| <https://github.com/nicktanryo/ride-sharing-system/>

Oct. 2020 – Dec. 2020

- 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

| <https://nicktanryo.github.io/path-finding-visualizer/>

Aug. 2020 – Sept. 2020

- 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