

# Nicholas Tanryo

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

**Contact Number:** +852 9785-6274

**Email:** [nicholas.tanryo@gmail.com](mailto:nicholas.tanryo@gmail.com)

**Address :** Room 216, Madam S. H. Ho, Chung Chi College, The Chinese University of Hong Kong, Sha Tin, Hong Kong

## EDUCATION & PROFESSIONAL CERTIFICATION

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### 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

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**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

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### IT INTERN – NET-MAKERS LIMITED

*Jun. 2021 – Present*

- Develop backend and/or frontend system based on clients requirements using October CMS framework.
- Conduct proof of concept and design a scalable system closely with other team members.

## PROJECTS

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### 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

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### 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