

# Nicholas Tanryo

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

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## 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*

- 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, PHP, 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 requirements using OctoberCMS framework.
- 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

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### MONEY SHARING APP

*Dec. 2020 – Mar. 2021*

- Created group expense tracker app that attracts 12 users with more than 150 transactions recorded
- Managed application control flow, user interface, user experience and assisted in user model creation.

### RIDE SHARING SYSTEM

*Oct. 2020 – Dec. 2020*

- Built a database application simulating driver-passenger relationship in transportation system

### PATH FINDING VISUALIZER

*Aug. 2020 – Sept. 2020*

- Created a graph theory visualization for and path finding and maze generator algorithms
- 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 provided data visually for traders.

**Engineering Virtual Program** | Goldman Sachs

*May 2021*

- Analyze and crack leaked hashed passwords from database using hacking tool such as hashcat.