

# Nicholas Tanryo

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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
- Faculty of Engineering Admission Scholarship

- Relevant Courses:

Building Web Applications	Software Engineering	Introduction to Database Systems
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### 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

**Languages** : Indonesian (native), English (fluent)

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

**Technologies & Software** : React, NodeJS, Express, MongoDB, MySQL, GitHub, Linux

## WORK EXPERIENCE

### IT INTERN – NET-MAKERS LIMITED

Jun. 2021 – Aug. 2021

- 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

### 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, and user experience using React and Bootstrap.

### 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 path finding and maze generator algorithms.
- Analyzed and implemented algorithms such as Dijkstra, A\* search, and Recursive Division algorithm.

## EXTRACURRICULAR ACTIVITY

### Software Engineering Virtual Experience | The Forage - JPMorgan Chase & Co.

May 2021

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

### Engineering Virtual Program

| The Forage - Goldman Sachs

May 2021

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