

# Nicholas Tanryo

**Portfolio:** <http://my.nicholastanryo.ml/>

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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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<b>Languages</b>	: Indonesian (native), English (fluent)
<b>Programming Languages</b>	: JavaScript, TypeScript, PHP, C, C++, Java, Python
<b>Technologies &amp; Software</b>	: React, NodeJS, Express, MongoDB, MySQL, GitHub, Linux

## WORK EXPERIENCE

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### 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

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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, 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 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.