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
    - 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

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 and 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 │ 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.