

Kwanhung Ho

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Seeking a software engineer internship position

EDUCATION

The Hang Seng University of Hong Kong

Sept. 2019 – Present

B.A. in Applied and Human-centred Computing

Relevant Courses: Programming and Data Structure, Discrete Mathematics and Algorithm, Database Design and Management, Computer Network, Artificial Intelligence

TECHNICAL SKILLS

Programming skills: Java, C++, SQL/MongoDB, HTML/CSS, XML, JavaScript, Python

Additional Software: GitHub, Oracle, Google Colab, Microsoft office software

Languages: Mandarin(fluent), English(fluent), Cantonese(native)

COURSE PROJECT

Basic Chatroom Program Development

Sept. 2020 – Dec. 2020

- Programmed a multi-thread Java chatroom program using TCP/IP sockets.
- Extended the GUI using Java AWT and allowed advanced functions, for example sending multi-line messages and allowing modification of chat name.

Basic Library-Management System Program Development

Jan. 2021 – Mar. 2021

- Designed a database schema for accessing information of different books and members.
- Programmed a Java Library-Management system with MongoDB and JFrame.
- Coordinate with other groupmates to separate database designing, coding and UI designing.

Social-networking Website Development

Apr. 2021 – May 2021

- Designed a web API to return user statistic in Json format, with secure token (JWT).
- Programmed the main functions in JavaScript and communicate with groupmates handling HTML/CSS content.

Basic Monopoly Program Game Development

Mar. 2022 – May 2022

- Engineered various functions for maintaining game logic using Java Swing and JFrame.
- Managed the game system by following strict rules of MVC design model.

INDIVIDUAL PROJECT

Basic Python Web-scraping Program Development

May 2022 – Present

- Built a web-scraping program to help analyze prospects of different programming directions in JobsDB, by using BeautifulSoup.
- Stored retrieved data to a MongoDB database and prepared for later uses.