WELVIN BUN

WWW.WELVIN21.COM

6A SASSOON ROAD, SANDY BAY, HONG KONG

WELVIN07@GMAIL.COM   +852 69555300   GITHUB : WELVIN21   LINKEDIN : WELVIN BUN

EDUCATION

UNDERGRADUATE   **THE UNIVERSITY OF HONG KONG**   **SEPT 2018 – MAY 2022**

- Bachelor of Engineering in Computer Science (minor in Finance), expected first class honour (CGPA: 4.1 / 4.3)
- Full scholarship (tuition and accommodation fees) for 4 years
- Teaching Assistant of ENGG 1330 (Introduction to Programming with Python) under the supervision of Prof. Chun Chui Kit and Prof. Dirk Schnieders
- Relevant courses: Data structures and algorithms, Web technologies and programming, object-oriented programming, C/C++ programming and shell script

WORK EXPERIENCES

SOFTWARE ENGINEER (PART TIME)   **FREEHUNTER**   **MARCH 2020 – MAY 2020**

- Worked on several webhooks based on various third-party APIs to ensure smooth integration and minimum error in the existing application
- Set up different kind of cron-jobs with proper testing to automate the daily tasks of the internal team such as auto-publish jobs functionality
- Revamped internal analytics dashboard which brings more control and flexibility to the internal team
- Technologies: Express, React, MySQL, PHP, MongoDB (all wrapped up in a containerized environment using Docker)

CODING INSTRUCTOR   **KODING KINGDOM HONG KONG**   **MAY 2019 – AUG 2019**

- Taught different concepts of programming to kids aged from 6 to 17. Courses included: Python, Web development, machine learning, and gamified learnings
- Revamped existing course materials and created a new module about cryptography which covers basic concept and algorithms such as caesar cipher, and XOR Encryption

HIGHLIGHT PROJECTS

- **SORT-IT** | A sorting algorithms visualizer to help people understand different sorting techniques better. See more about SortIt (sort.welvin21.com).

- **SLS** | A washing machines tracker for residents of R.C. Lee hall. See more about sls (sls.rctech.club).

- **FIXELS** | A deep-learning enabled system to facilitate ophthalmologists in generating quick and accurate diabetic retinopathy prediction. See more about fixels (github.com/welvin21/fixels).

ACHIEVEMENTS AND AWARDS

- **DEAN'S HONOURS LIST 2018-2019** | HKU Faculty of engineering
- **CHAMPION** | FinHack 2019
- **1ST RUNNER-UP** | Fintech Week Hackathon 2019

SKILLS AND TECHNOLOGIES

- **PROGRAMMING LANGUAGES:** Python, C++/C, JavaScript, Typescript, Java
- **WEB/MOBILE DEVELOPMENT:** React, Redux, NodeJS, MongoDB, Express, Flask, GraphQL, SQL
- **MACHINE LEARNING:** Keras, Scikit-Learn, OpenCV

LEADERSHIP AND ACTIVITIES

- **PPI-HK (INDONESIAN STUDENT ASSOCIATION IN HONG KONG)** | Director of Youth and Sports Division
- **MICROSOFT HONG KONG** | Microsoft student partner
- **GUITAR ENSEMBLE CLUB (HIGH SCHOOL)** | President
- **ANTI-DRUGS TEAM (HIGH SCHOOL)** | President