WELVIN BUN

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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 (HKU Foundation Scholarship) covering full tuition and accommodation fee
- Dean's Honours List (Faculty of Engineering) 2018-2019
- Activities and societies : HKU Machine Learning Society, R.C Tech Club, R.C Lee Hall Basketball team, R.C Lee Hall Band (lead guitarist), HKU Indonesian Student Association
- Teaching Assistant of ENGG 1330 (Introduction to Programming with Python) under Prof. Chun Chui Kit and Prof. Dirk Schnieders

WORK EXPERIENCES

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

- Provided friendly learning experience to kids aged 6-17. 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

FULL-STACK DEVELOPER   **BANANA PORTAL**   **JUNE 2019 – JULY 2019**

- Worked remotely on optimizing the company's website features and performances during its pre-production process
- Tasks included : user experience flow control, wireframe design, and code debugging

HIGHLIGHT PROJECTS

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

- **SLS** | Smart laundry system that helps approximately 500 R.C Lee hall residents by tracking the availability of all washing machines. Built using react, AWS lambda, Google firebase, and some electronics including Arduino and light sensors. See more about sls (rctech.club/sls)

- **DIGIBOT** | Virtual banking assistant focusing on bot interactions which comprises all text, voice, and click based user journey. Specifically aiming to provide better loan application service to customers by optimizing user experience. See more about digibot (rebrand.ly/chappuishalder)

- **NAVIS** | Centralized system to make data communication process faster in credit insurance escalation process. Built in 36 hours during FinTech Week hackathon 2019, and won 2nd place. See more about navis (github.com/welvin21/navis)

ACHIEVEMENTS AND AWARDS

- **FINHACK 2019** | **WINNER**
- **FINTECH WEEK HACKATHON 2019** | 1ST **RUNNER-UP**
- **HACK THE NORTH 2019** | **SELECTED PARTICIPANT**
- **MICROSOFT HONG KONG** | **MICROSOFT STUDENT PARTNER**

SKILLS AND TECHNOLOGIES

- **PROGRAMMING LANGUAGES :** Python, C++/C, JavaScript, Java, R
- **WEB/MOBILE DEVELOPMENT :** ReactJS, React Native, NodeJS, JQuery, MongoDB, Express, Flask, RESTful API, Google cloud, Amazon Web Services
- **MACHINE LEARNING :** Keras, Scikit-Learn, OpenCV

LEADERSHIP

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