

# 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 : 4.06 / 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
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## 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
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### 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
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## HIGHLIGHT PROJECTS

- **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](https://rctech.club/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](https://rebrand.ly/chappuhalder) (rebrand.ly/chappuhalder)
- **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 2<sup>nd</sup> place. See more about [navis](https://github.com/welvin21/navis) (github.com/welvin21/navis)
- **SNACKDAR** | Cross-platform mobile application which aims to help people on finding the nearest vending machine based on each individual's needs. See more about [snackdar](https://github.com/welvin21/Snackdar) (github.com/welvin21/Snackdar)

## ACHIEVEMENTS AND AWARDS

- **FINHACK 2019** | WINNER
- **FINTECH WEEK HACKATHON 2019** | 1<sup>ST</sup> 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