

# THOMAS HO LOK WAH

HP: (+65) 86608970 | Email: [holokwah@u.nus.edu](mailto:holokwah@u.nus.edu) | [GitHub](#)

## EDUCATION

### NATIONAL UNIVERSITY OF SINGAPORE

Aug 2021 – May 2025

#### Bachelor of Computing in Computer Science

[Expected]

Modules taken: Object oriented programming, Data structures and algorithms, Computer networks, Software engineering, Computer organisation

## WORK EXPERIENCE

### Cyber Security Engineer Intern, WatchTowr *Python | Docker*

Jun 2022 – Jul 2022

- Collaborated closely with security researchers to automate findings for clients' attack surfaces and vulnerabilities using Python
- Researched on possible vulnerabilities and churned out more than 20 scripts in two months to aid the process of penetration testing
- Scanned Alexa top 10000 domains to hunt for misconfigured open buckets in their cloud storages (<https://github.com/ThomasHoo00/cloud-storage-leakage>)

## TECHNICAL SKILLS

- **Programming Languages:** Java, Python, Dart, C/C++, Typescript, Javascript
- **Software Framework:** Flutter, NodeJs, ExpressJs, ReactJs
- **Containerization Technologies:** Docker

## PROJECTS AND COMPETITIONS

### Tech Lead, I'm Friendly Co *ReactJs | ExpressJs | NodeJs | MongoDB*

- Implemented a REST API using NodeJs
- Refactored the codebase to improve overall API security
- Liaised with the business development team to specify product requirements
- Conducted weekly sprints and led a team of 10 student software developers to implement new features
- Responsible for reviewing and integration of the developers' code

### Team Lead, MyInsuRec *Java*

- Led and developed a desktop application which aids financial advisors in their daily tasks
- More details of my contribution can be found at this [link](#)

### Developer, Project Dequeue (Project Orbital) *Flutter | Firebase*

- Developed and designed a full stack Android app for students to buy and queue for food virtually to minimise COVID-19 transmission (<https://github.com/junweimoo/dequeue-app>)

### Developer, LearnEx (LifeHack 2021) *HTML | CSS | Javascript*

- A flipped classroom for students to view class material before lessons and ask questions when they face difficulties

## CO-CURRICULAR ACTIVITIES

### Programmes Head, NUS Computing Club External Cell

Dec 2021- Jun 2022

- Organised a Wikithon in collaboration with SocialCollab to tackle various social issues in Singapore
- Provided a platform for undergraduates to brainstorm innovative technology ideas to improve on various underserved communities' situations

# THOMAS HO LOK WAH

HP: (+65) 86608970 | Email: [holokwah@u.nus.edu](mailto:holokwah@u.nus.edu) | [GitHub](#)

## ADDITIONAL INFORMATION

---

- Fluent in English, Mandarin, Cantonese (spoken and written)