

# ZACHARY LAU WENG YIK

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## EDUCATION

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### Hwa Chong Institution

2016 - 2017

- Attained distinctions in Biology, Chemistry, Mathematics and General Paper (English)

### National University of Singapore

2020 - 2024

### Bachelor of Computing in Computer Science

- Expected Date of Graduation: May 2024
- Current GPA: 4.05 / 5.0
- Relevant Coursework: Data Structures and Algorithms, Software Engineering, Programming Methodology, Computer Organisation, Discrete Mathematics

## SKILLS AND PROJECTS

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### Programming Languages/Frameworks

- Proficient in: Java, Python, C
- Familiar with: JavaScript, HTML, CSS, React JS

### Software

- Procreate – Digital Design
- Figma – UI/UX Conceptualization Tool

### Projects & Certifications

- *Duke*: Created a personal task manager written in Java. Frontend was built using JavaFX and CSS and unit tests were written with Junit.
- *ModuLink*: Created a portal for NUS Computing students to look for groupmates in specific modules. Worked together with a team of 5 NUS Computer Science students.
- *addhoc*: Created a mobile app that served as platform for ad hoc jobs, built using React Native and Expo.
- Udemy – Complete Web & Mobile Designer in 2022: UI/UX, Figma, +more
- Udemy – The Creative HTML5 & CSS3 Course

## WORK EXPERIENCE

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### Software Engineer Intern – Better Urban Farms

May 2021 – July 2021

- Developed programs using Machine Learning (ML) that automated tasks for this Agri-tech startup. Used Python and PyTorch to implement automated tasks like seed counting, seed spread analysis and image-stitching.

### Freelance Designer

2020 – 2022

- Creator of advertising pieces, tuition material and social media posts for **The Fine Minds** tuition center.
- Calligraphy Design – **Great Eastern**
- Logo Design – **Bitsy Bakes; Crypto Mumbles; NUS Kent Ridge Hall**

## LEADERSHIP EXPERIENCE

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### Hwa Chong Institution Track & Field, Sectional Captain

Apr 2016 – Apr 2017

- Handle all administrative tasks for the Hwa Chong Institution Jumps team.
- Motivate and prepare 2 batches of Track & Field members to achieve back-to-back 'A' Division Championships.

## CLUBS AND COMMITTIES

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### NUS Computing Club Member

Jan 2021 – Jan 2022

- Managed all sporting events for the NUS Computing Club as part of the Sports Committee
- Organised and launched several school events under the NUS Computing Club.