

# Eva Hiew Sook Yee (Singaporean)

Student Developer & Builder Enthusiast

EVAH0001@e.ntu.edu.sg

<https://eva-hiew-sook-yee.github.io>

[github.com/eva-ave](https://github.com/eva-ave)

[linkedin.com/in/eva-hiew](https://linkedin.com/in/eva-hiew)

## EXPERIENCE

---

### Autodesk, Singapore — Software Engineering Intern

JUL 2018 - DEC 2018

- Collaborated with Autodesk Vault team to deliver targeted results of improving its Computer-aided design(CAD) data management and collaboration software performance
- Worked closely in a 3-person Vault intern team and enhanced the new automated smoke test workflow as a team
- Contributed to an increased speed and scope of automation by identifying and fixing critical bugs embedded in the process
- **Tech Stack:** C#, XML, Git, Vault, TypeMock, iTest, Virtual Manager, Inventor

## SELECTED PROJECTS

---

### Mobile Application

AUG 2019 - MAY 2020 | Supervised by Prof. Ling Keck Voon

- Developing a mobile application toolkit to help beginners build mobile apps to increase task efficiency and automate repetitive processes through detailed tutorials
- **Tech Stack:** Python, Kivy framework, Optical Character Recognition

### Portfolio Webpage

- Designed and built a webpage to learn about Front-End Web Technologies
- <https://eva-hiew-sook-yee.github.io>
- **Tech Stack:** HTML5, CSS3 and Github Pages

### Weather Mood Lamp

- Programmed a weather lamp by using a simple arduino UNO with no internet module to connect to the Internet and to receive timely weather API updates from data.gov.sg
- **Tech Stack:** C/C++, Java/JavaScript, Arduino Uno, Processing software, SG Weather API, Adafruit NeoPixels library

## SKILLS

---

- **Programming Languages:** Python, C
- **Development:** HTML5 + CSS3, Bootstrap, Javascript, PHP, Arduino, Git
- **Languages:** English, Chinese, Cantonese and Mandarin

## EDUCATION

---

### Nanyang Technological University, Singapore

#### B.Eng. in Electrical and Electronics Engineering

AUG 2016 - MAY 2020 (EXPECTED)

- > **Honours, Distinction**  
(Second Upper Class Honours) [Expected]
- > **Focus in Computer Engineering**
- > **CDC / CCC University Bursary**
- > **Cum. GPA: 4.03 / 5.00**

## CO-CURRICULARS

---

### NTU Open Source Society

JUN 2017 - PRESENT

### NTU Runners Club

JUN 2017 - PRESENT

### Autodesk Makers

AUG 2018 - DEC 2018

### Arduino Intelligent Pet Workshop

Volunteer Arduino Instructor

SEP 2018 - OCT 2018

## OVERSEAS EXCHANGE

---

### The Hong Kong University of Science and Technology

JAN 2019 - JUN 2019

## SELECTED COURSEWORK

---

Data structures & Algorithms  
Artificial Intelligence & Data Mining  
Web Application Design  
Computer Networking  
Database Systems  
Enterprise Network Design