

---

# Wang Ting An

River Valley High School

---

## About Me

I am a proactive and independent learner, able to adapt quickly to new environment to tackle challenges.

I wish to gain more meaningful experience to contribute to the defense technology of Singapore.

---

## Contact Me

8569 9518

wang\_ting\_an@students.edu.sg



Project Portfolio  
<https://tingan1212.github.io>

---

## Education

### River Valley High School

Promoted from: (2022)  
IP Stream to Junior College  
GPA 4.56/5

Currently studying: (2023)  
Science Stream  
Rank Point 77/80

## Achievements

DSTA Junior College Scholarship  
2023

MOE Engineering & Tech Programme Scholarship  
2023

---

## Key Skills

- Strong programming foundation:
    - Python
    - Front-end languages
    - SQL
    - C#
    - Lua
  - Experience working on projects
  - Problem Solving skill
  - Leadership and organisation skill
-

---

## **Experiences**

### **Electrical and Computer Engineering**

**NUS EE1111B Electrical & Computer Engineering Principles & Practice (2022)**

Learnt electrical engineering theory in the course, and gained experience on both software and hardware involving microcontrollers.

### **Mobile Application and Tello SDK Experience**

**School Open-House Drone Showcase (2022)**

Led a team of 3 in a project to create accelerometer-aided mobile application controlling DJI Tello drones.

### **Search Engine Optimization and Website Maintenance**

**TutorJohn Learning Centre Website (Finished in 2022)**

Maintain Wordpress website, improved search engine optimization and assisted in creation of the advertisement campaign.



<https://tutorjohn.sg/>

### **Web Development and Event Planning**

**River Valley Software Development Club (Rdev) (Started in 2021)**

Co-founded the CCA that grew to 30 members, collaboratively hosted the 2022 River Valley Game Jam, created the CCA website with PHP, planned and hosted basic programming workshop on python, pygame and front-end development.

### **Filming and Video Editing**

**National Chinese Short Film Competition 2023**

Editor of the film, experience with post-production of filming.

### **Game Development with Unity**

**Contributed to hobby projects and personal projects (2022)**

Worked both alone and within teams to create game prototypes, notable experiences includes implementation of procedural animation and non-player character behavior.

### **Volunteering Experiences**

**Organising Committee of Halloween Fiesta 2023 (Upcoming)**

Volunteering at Keat Hong Community Centre Youth Network to host this event, working on programme booklet and floor plan.

---