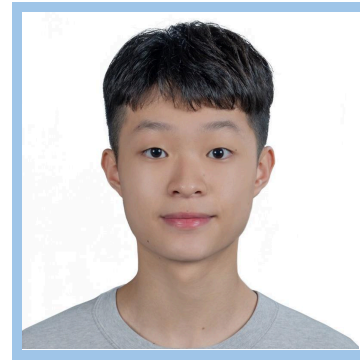


Yu-Wei Osmond Lin

- Current High School Student, Class of 2025
- Assertive, Curious, Driven

Contact

- Email: osmond0629@gmail.com
- GitHub: <https://github.com/OssieLin>
- LinkedIn: www.linkedin.com/in/yu-wei-lin007



Education

Taipei Municipal Zhonglun High School

Sep 2022 - June 2025

Unweighted GPA: 3.88 (10th grade)

Experimental Bilingual Program in 10th grade | 12th Engineering Program

Music and basketball club.

WP Davidson High School

Aug 2023 ~ May 2024

Unweighted GPA: 4.00 | Weighted GPA: 4.9

Spent my 11th grade in the U.S. with Taipei City Government International HS Exchange Student Scholarship Program.

Experience

Robotics Team

WP Davidson HS

Programmer, Driver, and Designer

Oct 2023 - May 2024

- Built/Designed robot components, such as robot arms and multitools, using Solidworks and programmed robot 10 hours per week for 4 months
- Wrote Robotc program for the robot that includes the basic arcade drive and specialized functions such as autonomous line follower

Research on Primality Tests

University of South Alabama

Research Assistant

Nov 2023 - Apr 2024

Project: Comparative Analysis of Primality Testing Algorithms

- Wrote code in python to analyze different primality testing algorithms, finding out the number of pseudoprimes
- Visualize the data using matplotlib and found a pattern for pseudoprimes, discovering that we could reduce the number of pseudoprimes by restricting detected primes to 2 and 3 rough numbers

Model United Nation

WP Davidson HS

North Korea Political Security Delegate

Nov 2023 - Apr 2024

- Researched on North Korea history and events for 2 hours per week for 4 months
- Debated and shared my insights on how Asia is crucial because of chip manufacturing
- Designed puzzles and won the best flag competition

Taiwan EF Cultural Camp Returnee Ambassador

Taipei, Taiwan

Camp Organizer and Staff

Jun 2024 - July 2024

- Organized, reviewed, and strengthened the camp curriculum and arranged the class schedule in a 2-day camp for about 80 students (Working 8hr/day for a week)

