

SUMMARY	High school senior passionate about physics, engineering, and the universe. Won awards in multiple Olympiads and international science fairs. Published work on astrophysics and mechanical engineering. Leads science social media page for 3+ years.	
EDUCATION	<div>Class of Science, Chiayi Senior High School, Taiwan</div> <ul style="list-style-type: none">Accelerated STEM education, 3 years coursework in 2 years.Class rank 1 / 653 for 2.5 yearsGPA: 95 / 100	
AWARDS	<div>Silver Medal, 19th International Junior Science Olympiad (IJSO)</div> <div>IJSO Committee</div> <ul style="list-style-type: none">Globally ranked 26th.Self-studied high school physics, biology, and chemistry during middle school. <div>2nd Prize, 2024 MOSTRATEC International Science and Technology Fair</div> <div>3rd Prize, 2024 Taiwan International Science Fair (TISF)</div> <div>National Taiwan Science Education Center, Mostratec Liberato (Brazil)</div> <ul style="list-style-type: none">Project: <i>Analyzing the Membership Ratio of RR Lyrae Stars in Globular Clusters.</i>Selected as national representative for MOSTRATEC at TISF. <div>Harvard Book Prize</div> <div>Harvard Club of the Republic of China</div> <ul style="list-style-type: none">For demonstrating “academic excellence and outstanding character, combined with achievement in extracurricular activities.” <div>2-time Personal Award, Taiwan Young Physicists' Tournament</div> <div>Far Eastern F. Z. Hsu Foundation, National Taiwan Normal University</div> <ul style="list-style-type: none">Twice qualified for nternational Young Physicists' Tournament (IYPT) selection camp.Investigated open-ended physics phenomena as team leader.	
PUBLICATIONS	<div>Ho, C.-Y. (2024). Force model and experimental analysis of a simple straw pump. <i>Journal of High School Science</i>, 8(3), 30–46.</div> <div>Ho, C.-Y., Huang, K.-F. (2024). Analyzing the membership ratio of RR Lyrae variables in globular clusters with Gaia data. <i>Journal of Emerging Investigators</i>. (In press).</div>	
PROJECTS	<div>Delta Knowledge (2021-PRESENT)</div> <ul style="list-style-type: none">Leads team of 4, dedicated to science content on YouTube & Instagram.Hosted infographics design competition, successfully attracted sponsors10k+ followers, over 6 million views across all platforms.	
VOLUNTEER	<div>2023.08-2024.02, Volunteer, Chiayi Chang Gung Memorial Hospital</div> <div>2023.09-2024.06, Student STEM & English Mentor, Chiayi Senior High School</div>	
CERTIFICATES AND EXAMS	<div>Duolingo English Test</div> <div>150 / 160, 14 Dec. 2024</div> <div>SAT</div> <div>1550 (R&W 760, Math 790), 1 Jun. 2024</div>	<div>IELTS</div> <div>8.0 / 9.0, 20 Aug. 2022</div>