

# WILLIAM HUI XU

## HIGH SCHOOL STUDENT

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📍 Dublin, Ireland

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## PROFILE

Maltese Grade 10 student with experience as a House Captain and Student Council member. Member of the international Wolfpack CubeSat Development Team, collaborating on space technology research.

## SKILLS

- **Programming:** HTML, CSS, JS/JSX, React.js/Next.js, Python
- **Tools:** GitHub, Fusion, Blender
- **Soft Skills:** Leadership, Communication, Problem-Solving, Critical Thinking

## ABSTRACTS

- "CubeSat's Role in Storm Tracking & Weather Prediction". American Institute of Aeronautics and Astronautics.
- 'The Value of Satellite-based projects'. SmallSat Education Conference

## EDUCATION

### SECONDARY SCHOOL

Nord Anglia International School Dublin  
2024 - Present

### SECONDARY SCHOOL

Dover Court International School  
Singapore  
2020 - 2024

## REFEREE

Mr David Rafferty, NAISD,  
david.rafferty@naisdublin.com

Kevin Simmons, Wolfpack CubeSat  
Development Team,  
ksimmons@bluecubesat.com

## EXPERIENCE

### WOLFPACK CUBESAT DEVELOPMENT TEAM

A team of people from USA, Norway, Israel and Ireland  
2025 - Present

- Currently leading a team developing a wooden CubeSat.
- Authored two abstracts accepted by international conferences.
- Scheduled to present at NASA's Kennedy Space Center in October 2025.

### SUSTAINABLE CITIES HACKATHON

Nord Anglia International School Dublin  
2025 - 2025

- Co-organised and led a Sustainable Cities Hackathon with over 40 project submissions aimed at improving urban sustainability.
- Coordinated the voting process and selected six top presentations across two age groups.

### STUDENT COUNCIL

DCIS & NAISD

2022 - Present

- Assisted the secondary school in transitioning from Google to Microsoft platforms in Singapore.
- Co-developed a website for the Student Council (sc.nais.fun) to enhance student communication.

### HOUSE CAPTAIN

DCIS & NAISD

2020 - 2025

- Served as House Captain at DCIS for four consecutive years, organizing inter-house competitions such as basketball.
- Continued leadership as House Captain at NAISD, organizing the 5th Annual Chess Tournament.