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Education

Astrophysics Integrated Masters (Hons) | University of St Andrews - Scotland

September 2020 - Present | Masters in Astrophysics

1st Year Average 17.7, 2nd Year Average 17.5 on the University's non-linear 20 mark scale, equivalent to a First Honours

Modules Taken: Astronomy and Astrophysics 1 & 2, Physics 1A 1B 2A 2B, Mathematics 1002, Linear Mathematics, Multivariable Calculus, Object-Oriented Programming, Data Handling

A-levels and IGCSE | Harrow International School Bangkok - Thailand

August 2013 - June 2020 | Secondary Education

Graduated with Harrow Prize and 4.0 GPA

A-Levels: Physics (A*), Chemistry (A*), Mathematics (A*), Further Mathematics (A), EPQ (A)

IGCSE: Physics(A*), Mathematics(A*), Chemistry(A), Biology(A), English Literature(A*), History(A)

Work Experience and Courses

Advanced Engineering Workshop - NARIT

July 2020 | Student Attendee

- Studied the available technology for the development of the various projects conducted by NARIT
- Observe the technology and construction of the Thai National Radio Telescope
- Visited the production plant of the mirror coating machines designed for the Cherenkov Telescope Array

Astronomy Data Handling Python Course - Newton Fund Program

October 2019 | Attendee

- Attended lecture-style talks on Astrophysical concepts ranging from planetary orbits to stellar evolution
- Focused on Python coding for data visualisation and handling
- Created simulations using astronomical data from ASTROHUB

King Mongkut's Institution of Technology Ladkrabang Physics Department

August 2019 | Intern

- Conducted and wrote lab reports on experiments in Physics, mainly focusing on optical physics.

Premasuk Farm

July 2018 | Sales Interpreter

- Translated and presented different models of greenhouses for international buyers from ASEAN

National Astronomical Research Institution of Thailand (NARIT)

June 2018 | Intern

- Trained on basic astronomical Observation and Telescope setup.
- Trained on SalsaJ Photometry Software and wrote a report on finding the distance to M100 Galaxy.
- Shadowed researcher in the Optics lab and Mirror Coating workshop.
- Shadowed Astrophysicists and discussed how their work is being conducted at the institution

Positions

Senior Observing Director - University of St Andrews Astronomical Society

May 2022 - Present | Organise and run events for the society

School Ambassador - University of St Andrews, School of Physics and Astronomy

May 2021 - Present | Represent the school at official events

Event Convenor - University of St Andrews Astronomical Society

May 2021 - May 2022 | Organise and run events for the society

Event Officer - University of St Andrews Thai Society

May 2021 - May 2022 | Assists the Event Director

Freshers Representative- University of St Andrews Astronomical Society

September 2020 - May 2021 | Promote and inform Freshers students of the society.

First Year Astronomical Student Representative - University of St Andrews

September 2020 - December 2020 | Liaise between the students and lecturers to discuss the progress and how the students are finding the course overall.

Senior Prefect - Harrow International School Bangkok Sixth Form

August 2019 - June 2020 | Chaired the Students Academic Leadership Team

House Captain - Harrow International School Bangkok

August 2018 - June 2019 | Led weekly assembly and student leadership team

Award and Qualification

Laidlaw Foundation Research Scholarship

February 2022 | Awarded to undergraduate students to undertake a research and leadership project

University of St Andrews Dean's List

June 2021 | Awarded to Students with a mean grade over 16.5 on the university's non linear scale

June 2022 | Awarded to Students with a mean grade over 16.5 on the university's non linear scale

Bronze, Silver, and Gold Level Completion - Duke of Edinburgh International Award

June 2020 | Awarded to students committed to a wide range of activities during their high school

Harrow Physics Prize

June 2020 | Awarded to a student with the highest score in physics across the year

BPO Bronze Medal

June 2020 | Awarded to students with a minimum grade in the BPO

UKMT Silver Award

June 2019 | Awarded to students with a minimum grade in the UKMT Challenge

Sixth Form Academic Scholarship

June 2019 | Awarded to students with a certain number of A/A* in IGCSE

Others

Professional Membership: Fellow of the Royal Astronomical Society, Associate Member of the Institute of Physics

Computer Skills: Basic Java, Python 2 & 3 (Specialised in Data Visualisation), SQL/ADQL

Language: English (Fluent), Thai (Fluent), Japanese (Elementary Beginner)