JCR Election 2024 – Manifesto for the role of Tech Officer

Lucy Garrett

My name is Lucy Garrett and I'm a Theoretical Physics student hoping to run for JCR Tech Officer this year. The JCR forms an integral part of life in Trinity Hall, and the supports and services they provide to residents are invaluable – whether organising and chaperoning nights out, or lending a listening ear to students who are struggling, they work tirelessly to ensure that students are safe and happy in Halls. I particularly gravitated towards the role of Tech Officer, since I feel that I have the technical know-how to troubleshoot problems that residents may experience, and I am always willing to help. During my tenure as Tech Officer, I hope to make college life as accessible and smooth as possible.

Experience

- Some coding projects that I have completed over the last few years:
    - I entered BT Young Scientist in 3rd year, and my project consisted of a Python model used to simulate the motion of a water bottle rocket – this project was Highly Commended by the judges.
    - In 5th year, I entered the Astro Pi competition - my code was one of the few to be selected to run on a Raspberry Pi on board the International Space Station.
    - In November, I took part in the Qiskit Fall Fest challenges run by IBM, and was the fastest to complete these in 1st year (Qiskit is a python-based software development kit that is used to run quantum circuits and algorithms).
- I got a H1 in Leaving Certificate Computer Science – the syllabus included computer architecture, networks, Python, HTML/CSS, etc.
- As Treasurer of DU Mathsoc, I have experience using the Zoho Mail system.
- I was voted "Tech Whiz" at my school's Debs.

Goals

- During the first/second week of term, I would like to run a "help room" for any incoming residents to have their tech queries answered, and also show them how to navigate the main websites used by Trinity students (my.tcd.ie, their Trinity email account, Blackboard, etc)
- I would also create infographics/instructional videos showing the locations of the tech facilities available to students in Halls, such as the computer rooms, the printer, etc, and also demonstrating how to use these devices.
- During the year (perhaps before Christmas and summer exams) I would like to run a "study skills" workshop for residents, outlining the study tools that are available to them (e.g. Notion, Anki, Mathematica, etc).
    - As part of this, I would also go through all of the licenses and discounts that are offered to Trinity students (which I find are not well publicised), as well as laptop borrowing schemes in College.
- I would also like to run Mario Kart tournaments for Halls residents.
- I would like to replace the current magnetic keycards with RFID key fobs – these do not demagnetise when placed near electronic devices, and they are much less likely to get lost if they have a key ring attachment. This would reduce costs incurred by residents due to losing or demagnetising their card.
- I would liaise with IT services to allow personal assistant devices such as Amazon Alexa or Google Home to connect to Trinity WIFI.