



Student: Carlos
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Placement:
Recycle2Trade

Role: Data Scientist

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What is the subject of your PhD?

Astrophysics, specifically, tests of modified gravity models using galaxy clusters.

Describe a typical day on placement

A typical day at Recycle2Trade would begin with a weekly remote meeting where each of the project members (myself and another SEPnet student) would give a brief update on the tasks accomplished the week before and the tasks to complete for the rest of the week. One-on-one or one-on-two remote meetings would also take place if required, to assess specific topics related to my individual assignments. Most of the time I would be either reading published articles related to the project, programming in Python or filling a daily log with all the tasks accomplished during the placement.

What skills and knowledge have you gained during the placement?

Time management, working under pressure, presenting non-scientific information, learning more programming skills. I’ve also gained knowledge in remote sensing of greenhouse gases and the circular economy.

How do you think doing a placement has benefited you for the future?

It has mainly given me in-depth experience of a completely different ie a non-academic, corporate environment. Also this placement allowed me to further develop and receive feedback on my professional skills. Getting involved in a Python coding based project enabled me to increase my expertise.

What advice would you give to a PGR student who might be interested in seeking a placement?

I would encourage other students to apply to one of the placements advertised by SEPnet if they are thinking about getting a job outside academia to start gaining some experience.