StudentShapers Recruitment: Calling all Year 2 students

Demystifying Machine Learning: Shaping the Group Project

Bursary:

£330 per week for 6 weeks from 4th July 2022

Who should apply:

Students in Year 2, preferably those with minimal knowledge of and experience with Machine Learning. Students from outside the Department of Computing are preferred. Participation in this project will exclude you from taking this module in the future to avoid any unfair educational advantage.

Campus/Location:

The student partners are free to collaborate remotely or in person (or a combination of both), depending on what works best for everyone. Any meetings between the staff and PhD student partners will either be held remotely or at the South Kensington campus.

Project details:

We are looking for four students to collaborate with us to develop the newly accepted "Demystifying Machine Learning" I-Explore STEMM module. Alongside studying prepared materials, the Demystifying Machine Learning module will consist of a practical group project where students from different disciplines work together to identify a problem in a chosen domain or discipline and attempt to solve the problem with Machine Learning. The assessments for the group project include presenting a project pitch to potential 'investors', explaining the project to a non-technical audience, and presenting your prototype to a technical audience.

You will focus on shaping and developing the group project, including contributing ideas on how to best run and assess the project. What better way is there to design the group project than to experience conducting the group project yourselves as 'students' enrolled on the module? You will bring your experiences from conducting the group project and from your perspective as a student to inform, shape and design the direction of the group project.

You will also collaborate with one or two PhD students from the Department of Computing who will act as 'mentors' to guide you through your group project.

You will be able to gain some knowledge about Machine Learning, subject to early versions of the module's learning materials being ready by July. You may also be able to give feedback on early versions of the materials, and even shape and reconfigure the direction of how the materials are to be presented.

You will gain experience in working with a multidisciplinary group and in designing a student-centric learning experience. You will be able to bring what you have learnt into other areas in your studies, work and life.

We are hoping to form a team made up of students from different disciplines and from different machine learning/programming backgrounds. So having no knowledge about machine learning and/or programming is not a disadvantage. Indeed, we are not expecting students to have any machine learning or programming experience.

How to apply:

Applications should be made via the 'expression of interest' form on the StudentShapers website (here) or accessed using the above QR code.

Please tell us:

- why you are interested in participating
- what you can contribute
- your knowledge of/experience with Machine Learning (if any)
- your programming experience (if any)

You may be invited for an informal online discussion as part of the selection process.

Deadline: 29th April 2022

Contact details: Dr Josiah Wang josiah.wang@imperial.ac.uk