

StudentShapers Recruitment: calling all students on the 'Building Resilient Structures' I-Explore module!

Designing interactive 3D visualisations for STEM lecture courses

Bursary: £2315 maximum in total for approximately 6 weeks during summer (June / July)

Who should apply: Any student enrolled on the 'Building Resilient Structures' I-Explore module in January – March 2024. We are looking for two students with different disciplinary backgrounds, so please apply whether or not you have any prior knowledge or experience in civil engineering.

Campus/Location: South Kensington

Project details:

Overview

This project is a collaboration between the Digital Media Lab and the [ImpVis](#) project team and aims to develop high-quality 3D visualizations using game engines and XR technologies. StudentShapers will play a pivotal role in designing these visualizations, crucial for enhancing interactive learning experiences at Imperial College London.

Your role

As a StudentShaper, you will collaborate closely with our staff team to design visualisations for the 'Building Resilient Structures' I-Explore module. This role emphasizes participation in a collaborative environment, where your insights and perspectives as learners on the module are invaluable. You will start considering where the module would most benefit from these visualisations as you are taking the module, followed by a dedicated full-time 6-week project to create and refine the design of the visualisations at the start of the summer break. During this time you will work together with a team of Studentshapers designing similar visualisations for another module.

Outcomes

This unique opportunity will allow you to engage in educational design of advanced visualisation techniques; develop skills in interdisciplinary collaboration, working alongside experts in pedagogy and digital media; gain practical experience in applying technological solutions to real-world educational challenges.

STUDENTSHAPERS

How to apply:

Applications (300-500 words) should be made via the 'Student Expression of Interest' form on the StudentShapers website ([here](#)) or accessed using the QR code to the right.



Deadline: 15th May 2024 5PM

Contact details: for informal correspondence or questions on the project, please send an email to both Caroline Clewley, I-Explore lead: c.clewley@imperial.ac.uk, and Christian Málaga-Chuquitaype, module lead: c.malaga@imperial.ac.uk