

WYGGESTON FOUNDATION GRANT

Awarded 10 students £95 each to attend a workshop

10 students attended an online AI workshop in Medicine, Finance, Space Robotics or Engineering

The Skills Gap project was hosted by a PHD student and a Leader, an expert from the industry. Students learnt about the topic, then demonstrated/applied what they learnt and then finished with a Q and A with a panel of 3 experts; this allowed them to engage with industry experts and make contacts.

- **Skills** – the workshops provided a great opportunity for students to develop highly relevant skills such as programming or ‘ethical hacking’ that will be useful both at university and at work.
- **Knowledge** – the workshops gave students a fascinating insight into the way technology is being applied in a range of fields, and the exciting job opportunities available in various sectors.
- **Network** – students had the chance to develop valuable relationships with leading industry professionals and other ambitious students participating in the events.
- **University & Employment Applications** – participating in a Skills Gap workshop demonstrates passion and interest in the subject as well as energy and initiative. Attendance also strengthens job and university applications.

AI Engineering Workshop student feedback:

I learnt about how AI works and has developed, how Python works and its application in utilizing open-source AI, as well as different career paths one can go down with engineering while utilizing AI. – William Orme

The best part was the practical workshop where you got to use python to use AI. I also loved the questioning with real people in the field.

I asked why they moved away from civil engineering to their current data science job, as I was considering an engineering degree. Their response was helpful as he told me that any job within computers is a fast moving, exciting industry, while engineering is an established, slow industry. - Louis Budek

The best part of this workshop, in my opinion, was the practical as it was very simple but also taught us a lot about how AI would work in the real world. I learnt how AI works in one sector (analysing pictures and videos) and how diverse AI can be for many areas. - Rohane Pranalal

Computer vision: detecting objects with AI



Dash cam

This is what we just created!
Not bad with less than 30 lines of code.



Traffic monitoring

Try feeding different videos to see different results.