

Looking to a future in engineering, Emmanuella was keen to get an early experience of university. After thorough research into available options, she secured a place on an InvestIN engineering programme at UCL in the summer holidays. As well as working on civil engineering design projects, enjoying a supercar experience and getting to see a prototype of a space shuttle destined for Mars, Emmanuella learnt about networking and has gained confidence for future interviews, as she explains below.

Emmanuella, Lower Sixth

I was keen to get a sense of what it will be like to be a chemical engineer after deciding that I wanted to be one so this summer, I did an InvestIN Engineering internship at UCL (my preferred university).

Our primary focus was mechanical and aerospace engineering, but we learnt about other forms of engineering such as chemical, civil, and electrical engineering. We conducted hands-on work, such as designing an aerofoil in a wind tunnel, drone racing, and constructing a safe bridge, and travelled to various locations in and around London to meet people working in the sector. This included a supercar experience, where we got to see engines in cars with over 600 hp, an Airbus trip to Stevenage, where we got to see a prototype of the space shuttle that will land on Mars and study the planet's geographical aspects. We also went on the British Airways runway and looked at the Boeing 777 jets, even getting a chance to go into the cockpit (my favourite part).

I learnt a lot about engineering over the 10 days and plan to pursue my dream of becoming a chemical engineer. I've met new friends and learned how to network. Also, after speaking with the Rolls-Royce engineer, I feel more comfortable writing about myself and better prepared for future interviews.

