

Anirudh Lakra

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Summary

Presently, I am a first-year computer science student at UCL. I am a motivated and quick learner and after graduating I aspire to pursue a career in data science or software engineering. You can see my code on my Github page.

Education

- Currently doing a MEng degree at UCL in computer science.
- Graduated from Chesham Grammar School in 2019.
- Achieved 3 A*'s at A level in Maths, Physics and Chemistry.
- Have 7 GCSE's (A-C) in Geography, French, Economics, Chemistry, Physics, Biology, History and 7 in Maths and 6 in English Language and Literature.

Experience and skills

During my first year at university I held a part time job as an afterschool primary school science teacher. My responsibilities included looking after 20+ kids aged from 5-12 and teaching them about various topics. During my time at CGS, I undertook leadership roles such as Physics learning leader and was also part of the rugby team. Additionally, I took university taster courses in Nuclear Engineering at Leeds university and Chemical Engineering at UCL. All these experiences helped me to develop the following skills:

- **Communication and teamwork:** Due to my part time job I was always busy presenting and teaching large groups of kids about different areas of science. This led to my communication skills improving and allowed me to express my ideas in a way that was simple and easy to understand. Being part of a competitive and hardworking team orientated environment helped me develop communication and teamwork skills. Tutoring other students in physics helped to further my communication skills. During the chemical engineering course, I was part of a group project of designing a chemical reaction powered car. I oversaw designing the car and my contribution helped to make the car more streamlined and prevent it from breaking down mid race. Another one of my contributions to make our project more efficient was to use a production line.
- **Leadership and organisation:** Being a science teacher, I was responsible for over 20 kids. This meant I would need to plan out the lesson before the class and be very organised and prepared. Helping them out with hard problems and making sure that they weren't misbehaving improved my leadership skills. As learning leader I would organise, and lead lunch time physics help sessions and lead physics related events. At Leeds university I was the project leader of a presentation on Small Modular Reactors (SMR's). As group leader, I organised and assigned roles to the rest of the team and implemented techniques to help our team run smoothly and efficiently. One of the techniques I used was to use Slack as a team message board to help us communicate with each other easily and organise meetings to discuss the presentation.

Lastly, as a programmer I am proficient in:

- C/C++
- JavaScript, HTML/CSS
- Java
- Python