

## LUCY BUTT



**Job:** Geospatial Analyst

**Company:** Atkins

I am a Geospatial Analyst! Day to day, I work with spatial data. This is simply any data with postcodes or coordinates attached– think google maps, strava, etc– all these use spatial data. For my job, I use this data to inform infrastructure developments such as railways and airports.

Fun

Confident

Friendly

**The skills I use most in my job...**

1. Communication – Talking to different stakeholders on projects about how to use spatial data.
- 2. Problem-Solving – Day-to-day we are constantly solving problems on projects to help our clients. Being creative and quick at responding to problems is crucial!

- 3. Teamwork – The majority of our work takes place while working in teams, so it's essential you have great teamworking skills to be able to perform together effectively.
- 4. IT skills – Part of dealing with data includes conducting analysis on spatial datasets using specialist software, so great IT skills are needed.
- 5. Quantitative skills – Some of the work involved can be quite technical and can even involve some basic coding, so having good quantitative skills is important.

**The most interesting thing I've worked on in my career so far...**The most interesting thing I have worked on so far is helping to build a carbon sequestration pipeline using spatial data. This has been so rewarding as it will make a real difference, helping to reduce carbon emissions to tackle global warming.

**What inspired me into digital and tech...**I have always had a more technical and logical brain so the appeal towards data and technology was strong. I looked up to my dad, who was also in a digital career (IT Technician) and aspired to go into something similar.

**My educational background is...**Geography had always been my favourite subject in school, so following this I went on to study Physical Geography at Durham University. Here, my eyes were opened to the world of spatial data! After completing my degree, I found a graduate scheme as a geospatial analyst.

**What advice I'd give to girls thinking about a career in digital and tech...**Don't think, just give it a go! A career in digital and tech related areas are very rewarding, especially when you work on projects which make a real difference. If you are considering a career opportunity in this sector, definitely take the leap!