

Geography taught me that the world is a highly interconnected and thus fragile whole where the relationships between the components are becoming more complicated as our civilisation is developing. Any impact to any chain link affects the whole system and starts a chain reaction. Since even smaller events have a global impact, there is no aspect of the human-nature interaction that is not of primary importance to attend. Through studying geography, I would like to act as a bridge between humanity and nature to build a bilaterally profitable relationship.

Aided by the specialized natural sciences-focused curriculum which I studied at school with fascination, I trained myself to study and compete at the highest level, learning everything from atomic and microscopic spectrums to the molecular components of the matter and ecosystems. Thus I developed a broad range of interests and geography turned out to be the field where I am able to satisfy all of them. As I participated in science camps and geography competitions the interdisciplinarity of the subject ranging from scientific to human aspects soon became clear to me.

Within physical geography, geophysics is the area that I find extremely exciting, from the research methodology of studying exoplanets to the study of the Earth's interior. I visited the astronomical observatory of the Hungarian Academy of Sciences where I deepened my knowledge about indirect research methods, especially about the Doppler spectroscopy, which helped me understand the mechanics behind gravitational and electromagnetic waves. It was also useful from a geophysical view as waves are used to study the Earth's interiors mostly in the form of seismic waves.

My background in geography has given me the opportunity to take a professional trip to the Balkans with geographers and geologists, where we investigated its physical and human geographical characteristics. I remarked the instability of the post-conflict area as ethnic discrimination visibly took place in streets. The situation of Hungarians stranded outside their country's border in Serbia after the Treaty of Trianon also made me think about the consequences of border designations without considering geographical factors. It drew my interest towards geopolitics, especially to border concerns and territorial disputes. Recently I read the 'Prisoners of geography, which made transparent the significance of geographical features of a territory in international decision making.

I loved using my knowledge in competitive situations therefore I regularly participated at geography competitions. This year due to my third place at the national round, I became a team member for the 2021 International Geography Olympiad, and I am excited to challenge myself

at an international level. Through my preparation for the competition, I have experienced an international problem solving and analysis-based approach to education and achievement, which greatly influenced my decision to study in the UK. I am also enthusiastic to be part of the University's sport community as I have been swimming since the age of four. I like to spend my remaining free time with cooking which I find a great way to get to know new cultures as their gastronomy is highly influenced by their historical past and their geographical location.

As I enjoyed exploring different aspects and related fields to geography equally in the past there is no doubt in me that this is the path that I need to pursue. As an aspiring scientist I would like to approach the frontline of developments, inspired by the work of David Attenborough and Richard Feynman, who brought science closer to society. I believe a strong UK university would be the perfect continuation of my path in reaching the goal I have set: Taking part in a positive chain reaction of changing society's attitude towards global issues and reversing the deterioration of the planet by taking advantage of its interconnectedness.