

Edit: Some parts of the project did change [12/04/2022]

The research project would explore the concept of intelligence augmentation and how it has amplified human decision making in organisations through the use of AI. I would research into types of AI classifications and which ones are used to influence organisational decisions. Then, I would explore the human-computer relationships, with a focus on how AI enhances human intelligence limitations in decision making. By gaining this understanding, I then could apply this to the concept of IA and how it will shape the future of not only the world but decision making for businesses.

In Summer one, I plan to research into the different types of AI classifications like reactive, self-aware, which would build the base for the project as it gives me a strong understanding of AI. Then I would explore what classifications are used for decision making, using examples collected from publications. After understanding specifically what systems are used, I would then explore how these systems could enhance human intelligence and decision making through various examples. By exploring this, I could then build the concept of IA and justify whether it is the future for organisational decision making. IA emphasises that AI was created to assist us rather than replace. The goal for this project would be to give a comprehensive understanding of intelligence augmentation and how this technique could be most efficient method for informing decision making in organisations.

This project expands on my interests in technology and would also allow me to gain an understanding of how we interact with intelligent systems that inform organisational decisions. IA implies rather than seeing AI as a threat, we exploit it to enhance our own intelligence. This is currently a big topic in the tech industry and I feel this research would contribute greatly to it.

Being able to take part at a university that strives to have research within this field allows me to gain access to world-class knowledge and equipment. This project actually covers two of the universities themes; technologies for the future and risk, evidence and decision making. I understand with the second theme the university is focused on human-computer relationships and how they inform our decisions meaning that this has a lot of potential for further extended research.

A part of the Laidlaw Programme is leadership, and I believe by understanding the world around us - including the future of intelligent systems as it is part of our lives - builds me to become a strong future leader with great awareness. In the second summer I would look at taking part in the leadership expedition. This LIA opportunity would completely reinforce my awareness for the world and greater understanding of working alongside others to make decisions and tackle problems; almost like AI assisted software. Knowing that I would be part of the heart of change within a local community and taking skills that would make me self-develop makes me so hungry to take part in the programme and be on the forefront of technology in academia.