## **Alex Randles**

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17th of August 2019.

Re: Phd/ Research Training in Artificial Intelligence.

Dear Sir/Madam,

I have completed a four year Computer Applications course in Dublin City University (DCU). The last four years have been the most enjoyable years of my life and I would like the opportunity to undertake further research in the area of Computer Science. I have a keen interest in Artificial Intelligence and undertaking this research position would allow me to fulfill my ambition to build a career in this field. I find research immensely interesting and I would embrace the opportunity to add to our current knowledge base.

My desire to carry out further research in Artificial Intelligence was inspired by my previous work in this field. My final year project involved designing a device which used speech recognition to carry out a number of tasks. These included reading & sending emails, playing music, receiving news updates and the weather forecast, searching wikipedia, controlling smart home devices and infrared transmitter & receiver. This project fueled my desire to carry out further research in this area and this Phd would provide me with an invaluable opportunity to explore further applications of Artificial Intelligence.

I understand the huge amount of work required during a Phd and I am more than willing to undertake this commitment. I have prospered in my time in college and found that hard work is well rewarded. This course would allow me to collaborate with people who share similar interests which I feel would create an ideal research environment.

I feel this position would suit me as I have strong coding and soft skills which would be used extensively throughout this course. I receive great enjoyment from writing code and preparing documentation which clearly explains it to others. I also have excellent collaboration skills which I have used throughout my time in DCU. These skills will greatly aid me in carrying out this research as it will require a great deal of collaboration with others.

Artificial Intelligence is still in its infancy and has huge potential to make significant societal changes. There is still a huge amount of innovation to happen and I believe this Phd would provide me with the perfect opportunity to play a role in improving our quality of life.

Kind Regards, Alex Randles.