1. Why do you apply for scholarship?

Dear Madam/ Sir, I am a postgraduate student studying medical engineering with focus on medical imaging and data processing. Currently I am working with using deep learning methods to do classification on medical images but I find myself lack of experience on how to apply DL models to practical scenarios. When I found out this course is a case-study based course and help students to understand how to apply deep learning methods into real-life applications, I am very interested in learning more and hope to get enrolled in this specialization course. As you may know that in Germany, I only need to pay small amount of money to do my master study (around 118 euros every semester), after I pay for my tuition fee my rent, I don’t have extra money to cover for the fee of this course. I already work as a tutor at the university last semester in order to help save money so that I don’t put more burden on my family. I am eager to learn and hopefully I can get the chance to study this specialization course.

1. How can this course help you achieve your career goal?

From my opinion, what I major in requires me to understand not just how to do image processing at the level of applying different algorithms, but it also requires me to understand the underlying data distribution. The content of this course includes apply linear regression models as well as other cluster methods to reveal the underlying data distribution could help me improve my understanding of how to treat data in my study later on. Furthermore, I believe that this course can also help me to gain more experience to deal with deep learning models. Currently I only work with CNN models and the lack of the other aspects make me feel that I not sufficient enough to apply any data scientist job in the future, which is my main goal when I graduate from the university and obtain my master degree. Learning the models from the aspects of statistics will definitely help me to think in another way other than just plot the image data out and try to fit different methods to process it without directions.