

Jade Hochschule

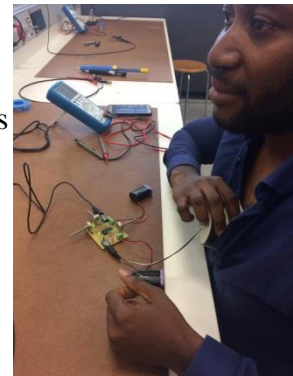
Biomedical Engineering Summer School (August 25th to September 13th) 2019

I am writing to thank you (Jade University and the DAAD scholarship) for selecting me as one of the recipients of your scholarship, I am very happy and appreciative. Since I came across Jade University (biomedical engineering). I have wanted to attend the summer school and become part of the community there. Because of your generosity and support, my aspirations have been realized. I thank you so much for giving me this incredible opportunity.

Now that I have been part of the summer school at Jade University and its community, I was able to participate in the great variety of activities and events that the summer school offered. I have visited Germany before which I stayed for three days but not like this time at the summer school which my stay was almost three weeks, I enjoyed every bit of the three weeks during class, on the houseboat and the excursions. I would like to say that wilhelmhaven is a nice quiet town with less distraction and the people here are quite reserved which is a good thing and it is a perfect learning environment for any student to study and excel.

I came across this biomedical engineering summer school while searching online for scholarship I could use to further my education and gain more knowledge in the area of biomedical engineering, since it is a new field and it is the future for medical engineering. In my home country it is very new and there are no PhD programmes for biomedical engineering however I intended to gain more knowledge through this biomedical summer school and possibly enable me to gain a PhD programme in Germany as well. I was accepted for the Lane B (Biomedical signal and Image Acquisition, Processing and Analysis) which is a graduate programme. The courses include

- 1) Amperometric Biosensors and related electronics
- 2) Instrumentation, Acquisition and signal processing for biosignals
- 3) Medical Image Processing using Matlab



My classes at the summer school had been exciting and interesting, however the challenging part was the project which had to be done in quite a short time and have pushed me harder than I expected, but I do find it rewarding. My favourite class was the biomedical instrumentation, which the project was built to acquire heart beat signals and was taught by Prof Gerardo Marx and Prof Mehmet Yuksekkaya. It was directly related to my postgraduate study which was in instrumentation and control engineering and I really enjoyed the course project. The Amperometric Biosensors is also part of instrumentation which gave me knowledge about glucose and finding its concentration using current. The Medical Image Processing using Matlab was new to me because I had just basic knowledge of Matlab,

however during the course I learnt a lot of image processing techniques, tools and codes. The project was on cell classification, this made me use Matlab in a different like never before. This added to my knowledge and programming skills on Matlab. This made me happy that I chose Jade University for the biomedical summer school because I received a well-rounded education in biomedical engineering in addition to my previous undergraduate and postgraduate degrees. I can say that what I have learnt at this biomedical engineering summer school will take me very in my career development.

Even though I am new to the summer school, I have already met amazing people from all over the world and made friends. I have been very blessed to have been assigned to a fantastic roommate with whom I feel comfortable. We got along well and we had great times together both on the houseboat and in class. I also have become very close with many of my classmates. I am so blessed to have found such wonderful friends within this summer school.

The activities arranged by the Biomedical engineering summer school organizing team was great, each day by day there was always some activity going on which was fun and exciting. This also provided some sort of relaxation and getting to know the town and the people thereby making friends outside of the summer school. The excursions to the following places and cities which are Bremen, Meyer Werft Papenburg, Hamburg, Lowenstein Medical systems, Airbus and Miniatur Wunderland was really fun and informative. Learning about new technologies and seeing how it works and its applications was really awesome. It was a really good experienced, all packed in the three weeks. I would like to say it was an all-round learning experience. If I had the opportunity to be accepted for another advanced level course or PhD I will gladly and happily attend. I am willing to tell people about this great opportunity which I have already done.

By awarding me a DAAD scholarship, you have lightened my financial burden which allows me to focus more on the most important aspect of school learning. Your generosity has inspired me to help others and give back to the community. I hope one day I will be able to help students achieve their goals just as you have helped me.

Thank you so much again for your generous scholarship which enabled me to take great classes and make amazing friends.