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Dear Miss/Mrs Janina Caase,

My name is Khalid and I come from Egypt. I started my master studies joining the Communication and Multimedia Engineering (CME) program at the Friedrich-Alexander University in Erlangen on October 2014 and on June 2017 I finished my master thesis. Now, I am planning to complete my studies as a PhD student and I want to apply for the position "PhD position - 5G Mobile Radio" (Reference Code:DE00542751).

Bosch is one of the leading multinational engineering and electronics company in the world with hundreds of thousands employees across the globe. Doing my PhD at Bosch would be a great milestone in my career as a research engineer. From the experience point of view, last summer I had an internship at the Bright Band department in Fraunhofer IIS as mentioned in my CV, where I had the opportunity to work with Open Air Interface (OAI) LTE simulator to implement shorter Transmission Time Interval (TTI) length. During the internship, I learned a lot about the LTE protocol stack specially the physical layer. My master thesis was in the topic of developing the current LTE standard towards the New Radio requirements by investigating new uplink multiple access schemes. During the Master thesis I learned a lot about system modeling as I have implemented an independent system level simulator using MATLAB object oriented programming in a relatively short time. Both experiences gave me the opportunity to know more about the LTE protocol stack (physical layer and MAC layer).

I finished my school education in Saudi Arabia, my bachelor studies in Egypt and now I am done with my master studies in Germany, which makes me a flexible and adaptive person regarding different work environments and traveling. I am still young (25 years old), ambitious and I learn pretty fast.

Currently I am working as a full time diploma HiWi engineer at the Bright Band department in Fraunhofer IIS. I can start my PhD on 01.10.2017.

Finally, thank you for your time considering my credentials. I am looking forward for your feedback.

Yours faithfully,

Ahmed Khalid