Ahmed Khalid
WichernStr 18
91052 Erlangen
Germany
℘ +49 17669463160
✉ khalid.mahmoud92@hotmail.com

Friedrich-Alexander-Universität Erlangen   May 17, 2017
Cauerstraße 9
Erlangen

Dear Prof. Dr.-Ing. Georg Fischer,

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 Octrober 2014 and on May 2017 I will finish my master thesis. Now, I am planning to complete my studies as a Phd student and currently searching for open positions.

I worked in LIKE for almost one year as a Hiwi student in the topic of RFIDs MIMO receivers/readers, under the supervision of M.Sc. Hamed Kenawy and Dr. Jörg Robert. However, my Master thesis is in the topic of developing the current LTE standard towards the New Radio requirements by investigating new uplink multiple access schemes. During my Master thesis I learned a lot about system modelling as I have implemented an independent system level simulator using MATLAB object oriented programming in a relatively short time. Last summer, I had an internship in Fraunhofer IIS where I had the opportunity to work with Open Air Interface (OAI) LTE simulator to implement shorter subframe length (7 OFDM symbols) instead of the legacy 14 OFDM symbols to reduce the latency.

A quick overview to my CV, It can be seen that most of my previous experiences involved modeling and carrying out analysis, with no major implementation tasks and hardware experiences. However, I am still young (24 years old) and ambition and I learn pretty fast. I had a quick overview to the LTE department website and I saw that you have some projects in the field of wireless communication and transceivers design, but concentrating on the design and implementation part, which is the knowledge I am willing to gain and enhance. If you have new projects coming up with new open positions, I would like to have a meeting with you to discuss them.

Finally thank you for your time reading my email. I have attached my CV and transcript with this email and I am looking forward to your reply.

Yours faithfully,

Ahmed Khalid