

**Recruitment team**  
NEC Europe Ltd.  
Kurfürsten-Anlage 36, 69115  
Heidelberg, Germany

25 October 2016

**Job Reference: 1609-216-5GN – 5G Networks Research Scientist Senior Researcher**

**Dear Sir or Madam,**

I will be graduating with a Doctor's degree (Dr.Ing.) in Electrical Engineering in January 2017 from Karlsruhe Institute of Technology, Karlsruhe, Germany. My doctoral thesis primarily focuses on Cognitive Radio that presents an alternative approach of resolving spectrum scarcity for the upcoming 5G networks, by opportunistically accessing the licensed spectrum. As a part my research, I have been able justify my theoretical findings by means of a hardware implementation (a software defined platform). Besides research, I successfully participated in a BMBF (German Federal Ministry of Research and Education) project, supervised Master/Bachelor thesis, held tutorials and laboratory during the semester.

Since I am highly interested in research for 5G networks, I believe starting as a research scientist, offered by NEC, would be next logical step for me. I am approaching you in this matter because your company is working on various aspects like system modeling, performance evaluation and hardware prototyping, which are well related to my research experience. Besides, I am attracted towards the fact that NEC provides a great opportunity for presenting the innovative ideas in the form of publications and patents. Despite the fact that my research experience has been confined mostly to the physical layer aspects, I am willing extend my knowledge to computer networks, particularly in the direction of software defined networking and the related tools.

I would like to contribute to the ongoing research at NEC and hope that my profile fits to your workgroup. I am looking forward to hearing form you.

Yours faithfully,

**Ankit Kaushik**

*Attached: curriculum vitae, which includes the list of my publications*

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