Statement of Interest in Research

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As we know that embedded systems are nowadays a high demanding issue from industries. A lot of university and industrial research centers has concerned on addressing the issues and all the challenges in the embedded system area which spans from the application layer down to physical layer.

Several outcome of research have offered very good optimized algorithm and techniques, System-level design methodology and also tools for designing, simulation and testing embedded system. Embedded system has become key component to obtain highly innovative product and challenging services. Moreover the research as well as implementation of embedded system has also crossed the border of application domain and has created new multidisciplinary fields, such as biomedical, intelligent building, smart vehicle, and so on.

The facts above is very interesting and for now I am looking for the opportunity to undertake a PhD by research in the area of embedded system that devoted for mobile application with special investigation will be emphasized on several aspect of embedded system such as high performance technique, low power consuming in network or protocol level and/or low electromagnetic radiation for wireless-mobile product network.

I believe that University College Cork and MILS Research Group is one of the suitable places for the PhD candidate who wants to work in a stimulating research environment under supervision of professor with high competence in embedded system field, improve the scientific knowledge significantly, and enhance the quality of professionalism.

Therefore through this statement of purpose, I would like to express my strong intention and motivation as well as a high commitment to use the opportunity being a PhD student if I will have been selected by the committee.

I believe that my technical experience and education background will make me a competitive candidate for PhD position. The key strengths that I possess for success in this position include:

- I have designed, developed, and supported live use applications both in SW as well HW.

- I strive for continued excellence.

- I have experience working on international research and industrial environment which joint many high caliber international researchers.

- I also have experience in learning and excelling at new technologies as needed.

Thank you very much.