Cyber Security Center in NYUAD is a catalyst environment that harvests a versatile and multidisciplinary approach in all potential areas that involve Cyber Security research, innovation and actualized solutions. The center is adopting a crucially important vision of building a holistic cyber security practice, employing the synergies manifested between academic, governmental and industrial directions in the field. The aim of the center is to bridge academic, governmental and industrial national, regional and global efforts in the area through providing a dedicated research and development platform. This platform will stimulate fundamental research areas, in addition to initiating prototypes and products, and providing relevant professional consultancy.

**Goals and Responsibilities**
The goal of this research project is to provide a wider analysis of the existing cryptologic designs and their constructions in order to provide the possibility of new approaches in the designs and analysis of cryptographic components. The conducted research will be in the context of symmetric cryptology and secure hardware implementations. A particular focus will be on the design and analysis of symmetric-key primitives and components.

**Required Qualifications**
Candidates should have a PhD degree or equivalent experience. Candidates should have a background in symmetric cryptology, hardware cryptology, hardware security or related areas. The following are a list of essential skills for the considered post: *Circuit Analysis and Design, Cryptographic Hardware Design* (Reconfigurable Hardware, random number generation, lightweight cryptographic design, ALTERA hardware, FPGAs and Verilog VHDL programming), *and Crypto-Graphic Design and Cryptanalysis*.

**The Research Environment**
The research environment within Center of Cyber Security in NYUAD is built around an ecosystem of international education, research, academic, industrial and governmental collaborations and innovation. The center takes a unique approach that offers researchers the challenge to contribute to fundamental research and to realize their findings in an innovative process that will impact and improve the community at large on different scales.

**Terms of employment**
The period of employment is one year from the initiation of the contract. This is extendable to additional year based on performance. The potential start date is November 2016. The main location of the post is Center for Cyber Security in NYU Abu Dhabi. The appointment of the position will be based on a mutual approval with Center for Cyber Security NYUAD and NYU Professional Network.

**Application Process**
Submissions will be accepted through our online application no later than **October 15, 2016**. Please visit our website at [http://nyuad.nyu.edu/en/about/careers/faculty-positions.html](http://nyuad.nyu.edu/en/about/careers/faculty-positions.html) for instructions and information on how to apply. Please fill in the online application form, and attach all your materials in English. This includes a cover letter, research statement, curriculum vitae, diploma (an official translation into English), list of publications and three letters of reference. Applicants will be prompted to enter the names and email addresses of three referees. Each referee will be contacted to upload his or her reference letter. Applications and enclosures received beyond the stated deadline will not be considered.

**Further information**
Further information may be obtained from the director of Center for Cyber Security NYUAD and Research Assistant Professor, Hoda A. Alkhzaimi at Hoda.alkhzaimi@nyu.edu. General information can also be found on the center website at [nyuad.nyu.edu/ccs-ad](http://nyuad.nyu.edu/ccs-ad).

(All interested candidates regardless of gender, disability, race, religion or ethnic background are encouraged to apply)

EOE/AA/Minorities/Females/Vet/Disabled/Sexual Orientation/Gender Identity Employer