

Center for Career Planning & Placement (CCPP)
Graduate Placement Services (GPS)

JOB VACANCY FORM[©]

IMPORTANT: The information presented in this document can be shared only internally at UAE University!

Job Reference No.: JV362

Company Name: *New York University Abu Dhabi*

Company Type: Private



Job Position/Title:	Emirati Research Assistantships- Research Assistant - Network Forensics	Academic Major:	Computer Science
Salary Range:	Competitive Salary	Years of Experience:	Fresh Graduate
Job Location:	Abu Dhabi	Job Type:	Fixed term (One academic year starting from September and ending on June).
Nationality:	UAE Nationals	Gender:	Both
Job Description:	OVERVIEW New York University Abu Dhabi (NYUAD) is establishing world-class research throughout its full range of academic disciplines, through faculty research and the NYUAD Institute research centers. The Emirati Research Assistantship (ERA) Program has been introduced to provide outstanding Emirati graduates the opportunity to gain experience in a cutting edge academic research environment. An ERA position will enhance research and scholarship skills that will strengthen applications to graduate programs and/or applications for a career in research. ERAs are 9 – 12 month positions in a single research lab or scholarly project and are not renewable. In general, positions follow the academic year, beginning in September and finishing in June the following year. RESEARCH PROJECT DESCRIPTION Incident response process has three fundamental goals. These are: (i) to understand and quantify the impact of the attack; (ii) to characterize the threat and identifying its propagation methods so that effective removal and recovery can be possible; and (iii) to trace and diagnose attack paths and determine how the attack bypassed the existing controls in the network. These goals can only be realized by analyzing data gathered from multiple sources associated with the attack. This process is often very complex and remains to be manual and slow. This research will focus on assisting and guiding incident response teams in the aftermath of an incident to reduce response time, costs and to limit damages. The goal of the research is to build a system that will proactively monitor, fuse and analyze data, obtained from multiple sources, and attempt to identify what		

Center for Career Planning & Placement (CCPP)

Graduate Placement Services (GPS)

	is not right with the data much like a behavior-based detection system does. In responding to an incident, the system will take as input an indicator of a compromise, such as those from Network IDSs, Host IDSs or automatic log analysis systems or some external/internal information about an incident, and it will analyze the data considering the workflow of an analyst. In this research project, students will learn about newly emerging motion tracking (Kinect) and smart interactive TV platforms to build an active authentication scheme. RESPONSIBILITIES OF THE POSITION - Students will get involved in both design and implementation aspects of the research project. - Students are expected to be able to read and present research papers. - Students will submit monthly research progress reports.
Minimum Qualifications:	ESSENTIAL QUALIFICATIONS: An undergraduate degree in computer science or a closely related field. PREFERRED EXPERIENCE / SKILLS: We are looking for students who are inquisitive and self-motivated learners. The candidates should be confident in programming and should be able to understand and discuss technical papers. APPLICANTS TO PROVIDE: - Statement of interest in the position - Transcript of degree(s) - CV - Two letters of recommendation
No. of Positions Required:	1
Job Close Date:	June 20, 2013

To Apply, UAEU Graduates/Alumni should send their CVs to:

nyuad.research.era@nyu.edu.

And

JN@uaeu.ac.ae

Please mention "**Job Reference No.: JV362**" in your email title in case we lost your information during filing.
Only doc/PDF/Zip files are acceptable.

