

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

JOB VACANCY FORM[©]

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Job Reference No.: JV366

Company Name: *New York University Abu Dhabi*

Company Type: Private



Job Position/Title:	Emirati Research Assistantships - Research Assistant - Robocalls	Academic Major:	Electrical Engineering or 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 Over the past few years, there has been a rapid proliferation of illegal Robocalls into mainstream society. When you pick up the phone and hear a recorded message instead of a live person is an example of a Robocall. The vast majority of telephone calls that deliver a prerecorded message (trying to sell something to the recipient) are illegal. Companies and law enforcement agencies are fighting hard to develop innovative solutions to fight against illegal Robocalls. We envision an approach to fight against illegal Robocalling systems based on real time crowd sourced and speech recognition technology. Specifically, the system integrates three key ideas: real-time blacklisting and whitelisting, crowd sourcing, and audio analysis. In our proposed model, when a call comes in, the system checks the number and audio feature of the call against the blacklist and blocks the call if it finds a match. It maintains a real-time blacklist of known		

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	Robocall numbers which were reported by callees and hence, blocks all the calls made from the black-listed numbers. The goal of this project is to develop a prototype and test it against real Robocalls. In this research project, research assistants will learn about speech recognition technologies and will get acquaintance with the methodologies of conducting large scale Robocall data collection. See the following link for more detailed information on Robocalls: http://www.ftc.gov/bcp/edu/microsites/robocalls/ 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 electrical engineering, 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. Knowledge on signal processing is a plus. 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@uae.ac.ae

Please mention "**Job Reference No.: JV366**" in your email title in case we lost your information during filing.
Only doc/PDF/Zip files are acceptable.

