IBM RESEARCH
Research student in IBM Cyber Security Center of Excellence

RESPONSIBILITIES

Research student engage, under supervision of center researchers, in challenging projects which involve analysis of complex systems, aiming to (1) identify how sophisticated attackers might exploit their vulnerabilities in intricate ways and modify their intended behavior, and (2) develop countermeasures to prevent/isolate the limit the effect of those exploits.

REQUIRED SKILLS AND EXPERIENCE

1. Strong experience and/or expertise in software development (Java/C++)
2. Excellent interpersonal, written, and verbal communication skills.

Advantage:
1. Prior experience in computer security, e.g., service in relevant army unit.
2. Expertise in reverse engineering and malware analysis.
3. Hands-on experience with static/dynamic code analysis and debugging tools.
4. Experience with any or most of the following: SIEM technologies, intrusion detection systems, deep packet inspection, network forensics tools.
5. Low level programming experience.
6. Web/Python programming background
7. Capability for collaborative academic research.

• If you are a self-starter, fast learner, and have a passion for cyber security?
• Apply today and join the founding team of IBM's Center of Excellence in Be'er Sheva.

HOW TO APPLY?

annabra@il.ibm.com

Want to change the way computers, mobile devices and robots interact with people? Make them capable of sensing who you are and how you feel and reacting appropriately? The goal of our team is to create speech technologies which augment synthesized computer speech with human emotion/expression/style and recognize similar attributes as well as the speaker’s identity in natural human speech. We’re looking for a creative thinker and energetic doer to join the Speech Technologies Group

RESPONSIBILITIES

Close collaboration with the research personnel in the Speech Technologies team in IBM Research - Haifa in generating novel ideas in the fields of speech synthesis, audio analytics and speaker recognition, inventing, designing and implementing new methods to push the boundaries of the field. The job includes research and algorithm development as well as software implementation of prototypes.

Candidate Qualifications

REQUIRED SKILLS AND EXPERIENCE

- Graduate student for PhD/DSc or Msc in either Electrical Engineering/Computer Science. Outstanding B.Sc. candidates can also apply.
- Programming experience in C++, Matlab
- Basic knowledge in machine learning.
- Experience in signal/speech processing and background in deep learning is an advantage.

HOW TO APPLY?

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