

Position Description

Title : Postdoc Fellow / Research Scientist at Cybersecurity at MIT Sloan (MIT CAMS)

Location: MIT, Cambridge, MA 02142, USA

Position Overview: Cybersecurity at MIT Sloan (CAMS) is looking for a postdoc fellow / research scientist to conduct research on cybersecurity operation and management. CAMS has an increasing research load on the managerial, organizational, and strategic aspects of cybersecurity. This is a fascinating area to be involved with, and for a talented researcher, an opportunity to use your passion, research and skills to make a genuine difference. This postdoc fellow / research scientist will participate/lead on research teams doing rigorous research on topics related to the cybersecurity operations and managements, focusing on the cyber-threat response strategy for cyber-physical system. More specifically, this research will design and implement a simulated system to understand operational responses to cyber security incidents and assist in making strategic decisions. This position also involves presenting to executive audiences or sponsor events, and supervisions for students.

Qualifications: Candidates should possess a Ph.D with a strong background in cybersecurity, preferably in cyber-physical systems security or IoT security. The combination of research experience in designing and developing systems to simulate cyber incidents in cyber-physical systems, understand operational cybersecurity behaviors, and conduct controlled experiments is extremely important. A demonstrable experience in carrying out field studies and case studies is a plus. The ideal candidate will also have experience in student supervision and a good publication record. The candidate must be capable of working both independently and as a member of a research team. This position is an immediate open, 1-year position with potential extension or conversion to ongoing appointment.

This is a full-time position; however, flexible working conditions can be negotiated.

Supervision Received: This position reports to the Director of Cybersecurity at MIT Sloan

Interested candidates should send a CV, a favorite publication, a list of references, and a cover letter describing research and career interests to msiegel@mit.edu.