

Internal Advisory Board of the Cyber Security and Privacy Institute

July 17, 2018

NORTHEASTERN UNIVERSITY
360 HUNTINGTON AVE.
BOSTON, MA 02115

Job Application for Postdoctoral Research Fellow

Dear Members of the Board:

I am writing to apply for the postdoctoral position available in the Cyber Security and Privacy Institute. I am currently a research fellow in the Dependable System and Software Engineering Research Team, at University of Naples Federico II, mentored by Prof. Domenico Cotroneo.

My research focuses on software dependability, *i.e.* the ability of the system to avoid service failures, and on the struggle to assess it and improve it in modern software systems. My work in software engineering has been recognized with two best conference awards (ISSRE 2017 and NetSoft 2015). Nevertheless, I have always been passionate about software security. As a software engineer, I can see the alignment between dependability and security. Whereas dependability is about availability and integrity, security worries about the availability of the service only for authorized actions and integrity as the absence of unauthorized system alterations.

I believe my knowledge and skills in software engineering are applicable to software security and I am eager to apply them to explore the nature of vulnerabilities and increase the trustworthiness of complex software systems. I strongly believe that the Cyber Security and Privacy Institute is the perfect place where I can do that. I am interested in the projects you host and I had the pleasure to experience the energetic research environment at Northeastern University during my Ph.D. work, when I was a visiting research fellow between September 2016 and March 2017.

I am looking forward to hearing from you.

Sincerely,

Antonio Ken Iannillo

Attached: Curriculum Vitae