

Lecturer in Computer Science (Cybersecurity), (Recruitment ID: 026589)

Nirav Ajmeri
2261 EB II, 890 Oval Dr.
Raleigh, NC 27606, USA
+1 (919) 449-8308, nirav.ajmeri@gmail.com
<https://niravajmeri.github.io>

February 23, 2020

Faculty Search Committee
Department of Informatics
King's College
London

Dear Search Committee Members:

I wish to apply for the Lecturer position in Computer Science (Cybersecurity) at King's College, London. Currently, I am a postdoctoral research scholar in computer science at North Carolina State University (NCSU), advised by Professors Munindar Singh and Laurie Williams.

My research interests are in multiagent systems and software engineering with a focus on cybersecurity and privacy. I have extensively worked toward developing secure collaboration techniques for understanding how factors such as social context, norms, privacy, and security influence software applications and software processes producing these applications. Further, I have designed formal reasoning and verification approaches to specify and analyze security and privacy policies in healthcare. I firmly believe in empirical evaluation of research contributions, and thus have evaluated my contributions via a variety of empirical studies including developer, end-user, crowd-sourced, and simulation studies.

I have strived to publish in high-quality journals and conference proceedings. Owing to the inter-disciplinary nature of my research, my publication record spans prominent AI, SE and privacy venues including IJCAI; AAAI; AAMAS; TOSEM; RE; Privacy, Security and Trust; KER; JSS; Computer; Intelligent Systems and Internet Computing. I was recently awarded the Outstanding Dissertation Award by the Department Computer Science at North Carolina State University for the year 2019.

In Fall 2017, I worked as a research intern with the CTO research group of HERE Technologies (formerly Nokia Maps), Chicago. At HERE, I built location and trajectory privacy preserving, data publishing and learning proof-of-concept systems. A patent for my contributions was recently granted.

Prior to joining NCSU, from 2007 to 2012, I was with TCS Innovation Labs, TRDDC, India as a research staff member. At TRDDC, I led several initiatives toward developing methods and frameworks for knowledge-assisted requirements evolution (K-RE). My research focused on making available (tacit as well as explicit) domain knowledge, visible and accessible, and thus amenable for reconfiguration and reuse. In 2012, I received the TCS Outstanding Research Paper award for my work on K-RE. While at TRDDC, I also mentored several undergraduate research interns, and their intern projects won several awards at various levels inside and outside the organization.

Working in multidisciplinary CS research areas, I have developed a valuable skill to make connections across areas. I hope to build on this skill and apply interesting solutions in one domain to solve difficult problems in others.

I am confident that my interests and research experience aligns with those of other researchers in the Department of Informatics at King's College, London.

My CV, research statement, and teaching statement are attached to this application. Please contact me if you need more information.

Thank you for your time and consideration. I look forward to your reply.

Sincerely,
Nirav Ajmeri