

IDENTIFYING INFORMATION:**NAME:** Karri, Ramesh**POSITION TITLE:** Professor of ECE**PRIMARY ORGANIZATION AND LOCATION:** NYU School of Engineering, Brooklyn, New York, United States**Professional Preparation:**

ORGANIZATION AND LOCATION	DEGREE (if applicable)	RECEIPT DATE	FIELD OF STUDY
University of California, San Diego, CA, USA	PHD	08/1993	Computer Science
University of California, San Diego, CA, USA	MS	08/1992	Computer Engineering
Central University, Hyderabad, Not Applicable, N/A, India	MS	07/1988	Computer Science
Andhra University, Visakhapatnam, Not Applicable, N/A, India	BENG	06/1985	ECE

Appointments and Positions

2012 - present Professor of ECE, NYU School of Engineering, Brooklyn, New York, United States
 2016 - 2024 Co-Chair NYU Center for Cyber Security, NYU, Brooklyn, NY, United States
 2002 - 2012 Associate Professor of ECE, Polytechnic University (NYU SoE), Brooklyn, NY, USA
 1997 - 1998 Member of Tech Staff, Bell Labs, Lucent Technologies, Princeton, NJ, USA
 1993 - 1998 Assistant Professor of ECE, University of Massachusetts, Amherst, MA, USA

Products**Products Most Closely Related to the Proposed Project**

1. Gupta N, Tiwari A, Bukkapatnam S, Karri R. Additive Manufacturing Cyber-Physical System: Supply Chain Cybersecurity and Risks. IEEE Access. 2020; 8:47322--47333. issn: 2169-3536
2. Li W, Mac G, Tsoutsos N, Gupta N, Karri R. Computer aided design (CAD) model search and retrieval using frequency domain file conversion. Journal of Additive Manufacturing. Forthcoming; 36(12). DOI: <https://doi.org/10.1016/j.addma.2020.101554>
3. Mahesh P, Tiwari A, Jin C, Kumar PR, Reddy A, Bukkapatnam ST.S.. A Survey of Cybersecurity of Digital Manufacturing. Proceedings of the IEEE. Forthcoming. DOI: 10.1109/JPROC.2020.3032074
4. Tsoutsos N, Gupta N, Karri R. Cybersecurity Road Map for Digital Manufacturing. IEEE Computer. 2020 September 10; 53(9):80-84. DOI: 10.1109/MC.2020.3003432
5. Zeltman S, Gupta N, Tsoutsos N, Rajendran J, Karri R. Manufacturing and Security Challenges in 3D Printing. Springer Journal of The Minerals, Metals & Materials Society. 2016 July 01; 68(7):1872-1881. DOI: <https://doi.org/10.1007/s11837-016-1937-7>

Other Significant Products, Whether or Not Related to the Proposed Project

1. Tang J, Ibrahim M, Chakrabarty K, Karri R. Synthesis of Tamper-Resistant Pin-Constrained Digital Microfluidic Biochips. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems. 2020; 39(1):171--184. issn: 1937-4151
2. Rajendran J, Ali A, Sinanoglu O, Karri R. Belling the CAD: Toward Security-Centric Electronic System Design. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems. 2015; 34(11):1756--1769. issn: 1937-4151
3. Rostami M, Koushanfar F, Karri R. A Primer on Hardware Security: Models, Methods, and Metrics. Proceedings of the IEEE. 2014; 102(8):1283--1295. issn: 1558-2256
4. Tehranipoor M, Salmani H, Zhang X, Wang M, Karri R, Rajendran J, Rosenfeld K. Trustworthy Hardware: Trojan Detection and Design-for-Trust Challenges. Computer. 2011 July; 44(7):66-74. Available from: <http://ieeexplore.ieee.org/document/5677557/> DOI: 10.1109/MC.2010.369
5. Karri R., Rajendran J., Rosenfeld K., Tehranipoor M.. Trustworthy hardware: Identifying and classifying hardware trojans. Computer. 2010; 43(10):39-46. Available from: <http://www.scopus.com/inward/record.url?eid=2-s2.0-77958115258&partnerID=MN8TOARS> DOI: 10.1109/MC.2010.299

Certification:

I certify that the information provided is current, accurate, and complete. This includes but is not limited to current, pending, and other support (both foreign and domestic) as defined in 42 U.S.C. § 6605.

I also certify that, at the time of submission, I am not a party to a malign foreign talent recruitment program.

Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

Certified by Karri, Ramesh in SciENcv on 2024-07-18 20:33:56