Brendan D Saltaformaggio

Assistant Professor, Electrical and Computer Engineering at Georgia Tech College of Engineering

Atlanta, GA, US

Dr. Brendan Saltaformaggio's lab investigates advanced cyber crimes and the analysis and prevention of next-generation malware attacks.

Biography

Dr. Brendan Saltaformaggio is an Assistant Professor in the School of Electrical and Computer Engineering at Georgia Tech, with a courtesy appointment in the School of Computer Science. His research interests lie in computer systems security, cyber forensics, and the vetting of untrusted software. Dr. Saltaformaggio serves as the Director of the Cyber Forensics Innovation (CyFI) Laboratory. The CyFI Lab's mission is to further the investigation of advanced cyber crimes and the analysis and prevention of next-generation malware attacks, particularly in mobile and IoT environments. This research has led to numerous publications at top cyber security venues, including a Best Paper Award from the ACM Conference on Computer and Communications Security (CCS?15) and a Best Student Paper Award from the 2014 USENIX Security Symposium. Originally from New Orleans, Dr. Saltaformaggio earned his Bachelor of Science with Honors in Computer Science from the University of New Orleans in 2012. He received his M.S. and Ph.D. in Computer Science at Purdue University in 2014 and 2016, respectively, during which Dr. Saltaformaggio was honored with the 2017 ACM SIGSAC Doctoral Dissertation Award as well as two fellowships: the 2016 Symantec Research Labs Graduate Fellowship and the inaugural Emil Stefanov Memorial Fellowship in Computer Science.

Areas of Expertise

Mobile/IoT Security, Binary Analysis and Instrumentation, Cyber Forensics, Computer Systems Security, Memory Forensics, Vetting of Untrusted Software

Education

Purdue University
Ph.D. Computer Science

Purdue University
M.S. Computer Science

University of New Orleans
B.S. Computer Science

Selected Accomplishments

ACM SIGSAC Doctoral Dissertation Award
2017

Symantec Research Labs Graduate Fellowship
2016

Inaugural Recipient of the Emil Stefanov Memorial Fellowship
2016

Best Student Paper Award
The USENIX Security Symposium (USENIX Security) - 2014

Best Paper Award
ACM Conference on Computer and Communications Security (CCS) - 2015

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