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ACCEPTED MANUSCRIPT

Identifying 3D Printer Residual Data via Open Source Documentation

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Vitae

Daniel Bradford Miller is a PhD student in the School of Computing at the University of South Alabama. He received his Bachelor of Science in Information Technology from the University of South Alabama in 2008. He has eight years of experience working in Information Technology related positions between the University of South Alabama and its associated Health System. He currently manages technical support services for the College of Arts and Sciences and its associated Research Centers and Programs. His research interests include Digital Forensics, Data Recovery, Applied Computing, and Information Assurance.

William Bradley Glisson is an Associate Professor at the University of South Alabama. He has a Ph.D. in Computing Science from the University of Glasgow, Scotland, 2008, MSc in Information Management from the University of Strathclyde, Scotland, 2001, BS in Information Systems & Operations Management from the University of North Carolina at Greensboro (UNCG), 1999, and a BS in Management from the UNCG, 1993. Dr. Glisson has ten years of industrial experience which includes working for U.S. and UK Global Fortune 500 financial institutions. His area of research focuses on digital forensics, information assurance, software engineering, and applied computing science with specific interest in the security, business and health care implications associated with residual data. Previous to this appointment, he was the Director of the Computer Forensics MSc program at the University of Glasgow.

Mark Yampolskiy received a Ph.D. in Computer Science from Ludwig-Maximilians University of Munich, Germany. He currently holds an Assistant Professor position at the University of South Alabama. He is one of the scientists who pioneered the research field of Additive Manufacturing (AM) Security. He has numerous publications in the field describing attacks both on, and with, AM systems as well as novel approaches for the detection of such attacks. His major interests in the field are associated with two threat categories, sabotage of 3D-printed functional parts and theft of intellectual property.

Kim-Kwang Raymond Choo received the Ph.D. in Information Security from Queensland University of Technology, Australia. He currently holds the cloud technology endowed professorship at the University of Texas at San Antonio, and is an associate professor at University of South Australia. He was named one of 10 Emerging Leaders in the Innovation category of The Weekend Australian Magazine/Microsoft's Next 100 series in 2009, and is the recipient of various awards including ESORICS 2015 Best Research Paper Award, Highly Commended Award from Australia New Zealand Policing Advisory Agency, British Computer Society's Wilkes Award, Fulbright Scholarship, and 2008 Australia Day Achievement Medallion. He is a Fellow of the Australian Computer Society, and a Senior Member of IEEE.

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