

Ronny Chevalier

Ph.D. in Computer Security

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Education

CentraleSupélec, Rennes, France Ph.D. in Computer Security	2016 – 2019
École Normale Supérieure de Rennes and University of Rennes, France <ul style="list-style-type: none">▪ Master's degree in Information and Computing Infrastructure Security▪ Bachelor's degree in Computer Science	2013 – 2016
University of Caen, France Associate's degree in Computer Science	2011 – 2013

Selected publications

Ronny Chevalier, David Plaquin, Chris Dalton, and Guillaume Hiet (Dec. 2019). Survivor: A Fine-Grained Intrusion Response and Recovery Approach for Commodity Operating Systems . In: <i>Proceedings of the 35th Annual Computer Security Applications Conference</i> . ACSAC'19. ACM, pp. 762–775. DOI: 10.1145/3359789.3359792	ACSAC '19
Ronny Chevalier, Maugan Villatel, David Plaquin, and Guillaume Hiet (Dec. 2017). Co-processor-based Behavior Monitoring: Application to the Detection of Attacks Against the System Management Mode . In: <i>Proceedings of the 33rd Annual Computer Security Applications Conference</i> . ACM, pp. 399–411. DOI: 10.1145/3134600.3134622	ACSAC '17

Research experience

HP Labs, Bristol, United Kingdom Security researcher	2016 – Present
CentraleSupélec, CIDRE team, Rennes, France Hardware-based low-level intrusion detection	2016 – 6 months <i>Internship</i>
University of Milan, Computer and Network Security Lab, Italy Binary analysis of boot firmware images	2015 – 3 months <i>Internship</i>
Inria, MADYNES team, Nancy, France Internet-wide scanning of SCADA systems	2014 – 3 months <i>Internship</i>

Engineering experience

Aldebaran Robotics, Paris, France Stability and security of a humanoid robot	2013 – 5 months <i>Internship</i>
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Teaching experience

École Normale Supérieure de Rennes, France Teaching assistant for undergraduate courses <ul style="list-style-type: none">▪ Introduction to computer security▪ Operating system & computer networks	2016 – 2019
Chateaubriand high school, Rennes, France Teaching assistant for an undergraduate Python course Introductory course on Python programming and algorithms for 45 students	2014 – 2016