Rosin Claude NGUEVEU *Last update on November 16, 2018*

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EDUCATION

UNIVERSITE DU QUEBEC A MONTREAL   MONTREAL-QC, CANADA
Doctor of Philosophy (GPA - 4.3 / 4.3)   *2017 – 2020*
 Fairness, Accountability and Transparency-Interpretability in Personalization Algorithms

GEORGIA INSTITUTE OF TECHNOLOGY   ATLANTA-GEORGIA, USA
Master of Science (GPA - 3.5 / 4)   *2014 – 2016*
 Electrical and Computer Engineering

UNIVERSITE DE TECHNOLOGIE DE TROYES   TROYES, FRANCE
Engineering degree (GPA - 3.4 / 4)   *2010 – 2015*
 Network, System and Telecommunication: Mobile Technologies and Embedded Systems

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PROFESSIONAL EXPERIENCE

Laboratoire d'Analyse et d'Architecture des Systemes - (LAAS-CNRS)   TOULOUSE, FRANCE
Internet of Things Vulnerabilities.   *6 Months – 2015*

- Analysis and clarification of the Internet of Things and its relative concepts
- Defining Criteria and methods of classification of all Internet of Things Objects
- Deduction of potential attacks surfaces and potential vulnerabilities

 Developed Skills: Autonomy, adaptability, scientific research and research methodologies, communication

OPPIDA   MONTIGNY-LE-BRETONNEUX, FRANCE
Attacks Demonstrator.   *6 Months – 2014*

- Reverse Engineering of Industrial systems' proprietary protocols and analysis of PLC programs
- Development of a platform for vulnerabilities demonstration and vulnerabilities Testing

 Developed Skills: Autonomy, adaptability, result-oriented working, vulnerabilities research, communication

Please refer to my for a more complete list of work experiences along with recommendations.

ACADEMIC EXPERIENCE

Cache Simulator, Tomasulo Algorithm Pipelined Processor, Cache Coherence. (Projects implemented in C.)
Public Black Lists Data Collector: Building a framework that will automatically collects, parses and discovers
new public black lists. Implementation of ML classifiers for new black lists feeds recognition.   *2016*

Design and Implementation of a control Interface of a smart camera in C#. (GST Smart NeuroCam)
Design and Conception of an Arduino based robot remote control.
FoodSquare - Restaurant rating Application and Webserice. (Android, PHP)   *2014*

People Detection on single board computers Odroid/Hardkernel.
Deploying a secure wireless network.   *2013*

Design and Implementation of the "Mille bornes" card game (Java SE)   *2012*

QUALIFICATIONS

Technical expertise: Software design and implementation, with(in) a team. Enjoys writing Python/Java/
 C++, yet have knowledge of: Assembly, Matlab, C#, Scapy. **Linux administration skills**: Bash, MySQL.
 Virtualization technologies: VMware, KVM, Qemu and VirtualBox). **Security**: Cryptography, Malware
 and Virus, Fuzzing, Reverse Engineering, Vulnerabilities research, VPN, XSS, Steganography, Network
 Security. **Artificial Intelligence**: Machine Learning.t

Natural languages: French *(Mother Tongue, full professional proficiency)*, English *(Mother Tongue, full professional
 proficiency)*, German *(beginner)*

ACTIVITIES & INTERESTS

Non-exhaustive list: Athletics (Sprint, High and Long Jump) **Art** (Photography) **Cooking and Baking. Cyber security, hacking, programming, embedded systems. Phylosophy and Reading**.