

## Experience

- 2018 – present **CERT Analyst** Thales Six GTS  
Toulouse (France)  
Working as a Computer Emergency Response Team (CERT) Analyst at Cert-IST  
– Script Languages/Java/MISP/Other internal software programs
- 2016 – 2018 **Security Engineer** Thales Services  
Elancourt (France)  
(23 months) Working as a BackOffice Security Engineer in Thales main CSOC  
– Script Languages/NetIQ Sentinel/BlackStratus/Nagios/Kibana/QRadar
- 2016 **R&D Engineering internship** Thales Communications and Security  
Paris (France)  
(6 months) Created a DDoS Detection and Mitigation system in SDN environments  
– C ++/Python/Bash scripts/SDN technologies
- 2015 **R&D Engineering internship** University of Arkansas  
Fayetteville AR  
(4 months) Created an IDS system for the detection of DDoS attacks on a network  
– C language/Octave/Tshark

## Education

- 2013 – 2016 **Master's degree** Bordeaux Institute of Technology  
Bordeaux (France)  
Diploma of Engineering in Telecommunications and Networking
- Master's double degree** University of Bordeaux  
Bordeaux (France)  
Master double degree in "Networking, Systems and Mobility"
- 2011 – 2013 **PCSI,PSI Physics, Chemistry and Mechanics** Victor Hugo High school  
Besançon (France)  
An intensive physics and mechanics course in preparation for the competitive exam to enter French engineering schools
- 2010 – 2011 **Scientific "Baccalauréat S"** Condorcet Secondary school  
Belfort (France)  
Equivalent to High School diploma, concentration in physics

## Skills

- Computer **Basic:** VHDL, RaspberryPi, Arduino, MATLAB, MAPLE, MAC OSX  
**Intermediate:** CSS3, HTML5, PHP/MYSQL, LATEX, OpenOffice, JAVA, C language  
**Advanced:** Linux, Git, Microsoft Windows, Python/Bash, NetIQ Sentinel, BlackStratus, Nagios, Kibana, QRadar

## Languages

- English:** Very good (7.5 IELTS / GRE: 152 VR, 160 QR, 3.0 AW)  
**Italian:** Good working knowledge

## Publications

- 2018 **DDoS protection with stateful software-defined networking**  
Dr. Boite, Mr. Nardin, Dr. Rebecchi, Dr. Bouet, and Dr. Conan,  
International Journal of Network Management
- 2017 **StateSec: Stateful Monitoring for DDoS Protection in Software Defined Networks**  
Dr. Boite, Mr. Nardin, Dr. Rebecchi, Dr. Bouet, and Dr. Conan  
IEEE NetSoft (20% acceptance rate)
- 2016 **Hardware-Software Isolation and Protection Architecture for Transparent Security Enforcement in Networked Devices**  
Dr. Hategekimana, Mr. Nardin and Dr. Bobda,  
IEEE Computer Society Annual Symposium on VLSI (40% acceptance rate)

## Other information

- Competitive swimming, 16 years - Travel: Cuba, United States, Mexico, Australia

## References

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|------------------|---|-----------------------|
| Julien Boite     | PhD, R&D engineer in Communication networks and services at Thales (TCS)              | juboite@free.fr       |
| France Krief     | Professor-researcher at Bordeaux Institute of Technology, Computer Science department | francine.krief@ipb.fr |
| Christophe Bobda | Professor-researcher at the University of Arkansas, Computer Science department       | cbobda@gmail.com      |