

# Léo Weissbart

## Curriculum Vitae

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🌐 <https://leoweissbart.github.io/>

### Education

- 2018–Now **PhD Candidate**, *TU Delft and Radboud University*, Delft and Nijmegen – The Netherlands, Side-Channel Analysis and Deep Learning..  
Supervisors: Stjepan Picek and Lejla Batina
- 2015–2018 **Master's Degree in Engineering School**, *Grenoble INP – Esisar*, Valence–France.  
Advanced Systems and Networks Engineering School.
- 2012–2015 **Classe Préparatoire**, *Lycée Albert Schweitzer*, Mulhouse – France.  
Preparatory Classes for Engineering Schools.

### Work Experience

- May **Research Internship**, *RAMBUS*, Rotterdam–The Netherlands.  
2021–Feb Neural network side-channel analysis and countermeasures on FPGA.  
2022
- Feb–Jul 2018 **Research Student**, *OKAYAMA UNIVERSITY*, Okayama – Japan.  
Worked on the implementation of cryptographic attack on elliptic curves Curve25519 using pattern recognition algorithms.
- Jan–Jul 2017 **Industrial Project**, *CHAUVIN ARNOUX*, Valence – France.  
Designed and developed an embedded measuring system to detect insulation fault in electric network.
- Jun–Aug **Summer Intern**, *HCMC UNIVERSITY*, Ho Chi Minh City – Vietnam.  
2016 Developed a software application to analyze emotion through brain waves information.

### Computer Skills

- Advanced Conception and design of integrated circuits, Embedded system security (Hardware and Software)
- Intermediate HTML5, CSS3, BOOTSTRAP, L<sup>A</sup>T<sub>E</sub>X, LINUX, GIT, MICROSOFT WINDOWS
- Experienced C/C++, PYTHON, JAVA, MATLAB, VHDL, VERILOG