Nicolas Bellec

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Education

2017–present	**Master Degree**, *ENS Rennes*, Rennes.
2016–2017	**Bachelor Degree**, *ENS Rennes*, Rennes.
	1 year at Ecole Normale Supérieur of Rennes to complete a bachelor in Computer Science
2014–2016	**Bachelor Degree**, *Lakanal Prep school*, Sceaux.
	2 years in Maths-Physics french prep school to try the Grandes Ecoles concours

Experience

Vocational

may 2017–july 2017	**Research Internship at TAMIS Research Team**, *INRIA*, Rennes.

Worked on Chucky, a tool to do static analysis on large C programms in order to find missing verifications that could lead to vulnerabilities.

Detailed achievements:
- Checked the claims of the tool;
- Reduced the false-positiv rate;
- Developped analysis to detect the most critical chunk of code.

Languages

French	Native
English	Conversational

Followed courses

Programming	C, Python, Ocaml, Scala, C++
Compilation	Implemented a LLVM-based VSL+ compiler
Computing Theory	Turing Machine, First Order Logic, Complexity Theory, Information Theory
Formal Analysis and Design	Isabelle/HOL, implemented a static analyzer
System	OS, Kernel, Real-Time Systems
Security Introduction	Worked on buffer overflow exploitation
Others	Signal processing, Supervised Machine Learning, Advanced Database

References

ENS Rennes
Amongst others:
- martin.quinson@ens-rennes.fr
- david.pichardie@ens-rennes.fr
- luc.bouge@ens-rennes.fr
(more upon request)

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