

Raphaël Berthon

Education

- 2019-ongoing **PhD student**, *Université libre de Bruxelles*.
- 2017-2018 **Master's degree in computer science**, *École normale supérieure de Rennes & Université Paris Diderot*.
- 2016-2017 **Prélab (Two research internships)**, *École normale supérieure de Rennes*.
- 2015-2016 **Bachelor's degree in mathematics**, *École normale supérieure de Rennes*.
- 2014-2015 **Bachelor's degree in computer science**, *École normale supérieure de Rennes*.
- 2012-2014 **CPGE**, *Classe Préparatoire MPSI/MP**, Lycée Blaise Pascal, Clermont-Ferrand.
- 2008-2011 **Science Baccalauréat, option mathematics**, *Lycée Fénelon*, Clermont-Ferrand.

Internships

- 2018 **5 months internship**, *Université libre de Bruxelles*, Bruxelles, with Jean-François Raskin, Guillermo A. Pérez.
One-sided forward adversarial reinforcement learning
- 2017 **3 months internship**, *Polytechnique Montréal*, Montréal, with John Mullins.
Symbolic verification of quantitative information flow
- 2017 **5 months internship**, *Université libre de Bruxelles*, Bruxelles, with Jean-François Raskin and Mickael Randour.
Beyond worst-case synthesis for parity objectives
- 2016 **3 months internship**, *University of Naples Federico II*, Naples, with Aniello Murano and Bastien Maubert.
Imperfect Information in Games for Multi-Agent Systems
- 2015 **3 months internship**, *Loria*, Nancy, with Christophe Ringeissen.
Satisfiability modulo theories of combinations of data structures

Languages

- French Mother Tongue
- English Fluent
- German Basic level

Computer Languages

- Programmation OCaml, C, C++, Prolog, Bash, basic level in Ruby
- Markup \LaTeX , basic level in HTML
- Proof Basic level in Isabelle/HOL and in WhyML

Misc

- Driving License