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# Mathieu Poirier

## Résumé

### Education

- 2018-2021 **Magistère and Master's degree**, *Magisterium in computer science and Master in computer science*, ENS Rennes and Université de Rennes 1, Beaulieu and Ker Lann Campuses.
- 2017-2018 **Bachelor's degree**, *Computer science*, Université de Rennes 1, Beaulieu Campus, Rennes.
- 2015-2017 **Preparatory classes**, *Mathematics and physics*, Lycée Chateaubriand, Rennes.
- 2012-2015 **High School diploma**, *Science baccalaureate*, Brocéliande high school, Guer.

### Research and education experience

- 2019-2020 Lightweight formal verification project for the functional core of OCaml with Timothée Haudebourg and Thomas Genet.
- Summer 2019 **Research internship**, *Simple petri net synthesis*, SUMO team, INRIA/IRISA, Rennes.
- 2017-2019 Tutoring in mathematics for high school students.

### Computer science skills

#### Programming languages

Object oriented	Java, C++, Python, Scala	Functional programming	OCaml, Racket, Lisp
Structured data	SQL, XML, CSS, XPath	Other languages	Coq, $\LaTeX$ , TI-BASIC

#### Software and tools

Project management	Git, office software	Formal methods	CoqIDE, NuSMV
Creativity	GIMP, Unity		

### Languages

French	Mother tongue	English	B2 level
German	B1 level		

### Other interests

- Game design Video games and board games, voluntary involvement : treasurer for the club Créajeu (video game design) in 2019, responsible for the board games club at ENS Rennes in 2020.
- Piano Learning since 5 years old, writing a bit since 16 years old ; moderate level.