

Aurèle Barrière

Education

- 2015–2019 **Magistère in Computer Science**, *École Normale Supérieure de Rennes*,
Four-year program focused on scientific research.
- 2018–2019 **Master's Degree in Computer Science - 2nd year**, *University Rennes 1*.
- 2017–2018 **Prélab**, *École Normale Supérieure de Rennes*,
Year dedicated to research internships.
- 2016–2017 **Master's Degree in Computer Science - 1st year**, *University Rennes 1*.
- 2015–2016 **Bachelor's Degree in Computer Science**, *University Rennes 1*.
- 2013–2015 **Preparatory Classes**, *Lycée Marcelin Berthelot*, Saint-Maur-des-Fossés.
- 2012–2013 **High School Diploma**, *Lycée Christophe Colomb*, Sucy-en-Brie.
With distinction

Research Internships

- 2019 **Formally Verified Just-in-Time Compilation**,
IRISA, Supervisor: Sandrine Blazy.
- 2018 **VST Verification of B+Trees with Cursors**,
Princeton University, Supervisor: Andrew Appel.
- Winter 2017 **Observation Change in Epistemic Temporal Logic**,
Università degli Studi Federico II,
Supervisors: Aniello Murano, Bastien Maubert and Sasha Rubin,
Publication: Reasoning about Changes of Observational Power in Logics of Knowledge and Time, AAMAS 2019.
- Summer 2017 **Implementation of a C memory model for integer-pointer casts in CompCert**,
Seoul National University, Supervisor: Chung-Kil Hur.
- 2016 **High level WCET estimation using Abstract Interpretation and Constraint Programming**,
IRISA, Supervisors: Charlotte Truchet and David Cachera.

Languages

French	Native	<i>Con conversationally fluent</i>
English	Advanced	<i>Con conversationally fluent</i>