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**, *Universita 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**	*Conversationally fluent*
English	**Advanced**	*Conversationally fluent*