

**EDUCATION**

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- **University of Rennes 1 & ENS Rennes** Rennes, France  
*MSc (2nd yr) in Computer Science, research track [30 ECTS, GPA: 10.853/20, Rank: TBD/45]* 2017–2018
- **University of Rennes 1 & ENS Rennes** Rennes, France  
*MSc (1st yr) in Computer Science, research track [74 ECTS, GPA: 12.94/20, Rank: 15/18]* 2016–2017
- **University of Rennes 1 & ENS Rennes** Rennes, France  
*BSc (3rd yr) in Computer Science, research track [66 ECTS, GPA: 10.956/20, Rank: 17/20]* 2015–2016
- **École normale supérieure of Rennes** Rennes, France  
*Magistère in Computer Science, research training (lectures, reading sessions, lab visits, group projects)* 2015–2018
- **University of Caen** Caen, France  
*BSc (1st&2nd yr) in Computer Science [120 ECTS, GPA: 17.79/20, Rank: 1/157]* 2013–2015

**EXPERIENCE**

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- **KTH** Stockholm, Sweden  
*Intern* February 2018–June 2018
  - **Adaptation of Amplified Unit Tests for Human Comprehension:** Rendering generated tests by DSpot in a human-friendly way.
  - **Supervisors:** Benoit Baudry & Martin Monperrus (SCS & TCS Departements)
- **KAIST** Daejeon, South-Korea  
*Intern* March 2017–August 2017
  - **Automated Test Data Generation for Dynamically Typed Programming Languages:** Survey on Test Data Generation from scratch for dynamic languages such as Python.
  - **Supervisor:** Shin Yoo (COINSE Lab)
- **University of Rennes 1 & IRISA** Rennes, France  
*Student* September 2016–April 2017
  - **Group project:** Evaluating UPMEM, a *Processing-in-Memory* architecture, using the *k-means* algorithm.
  - **Supervisor:** Dominique Lavenier (GenScale research group)
  - Presented at HiPEAC'17 Student Heterogeneous Programming Challenge.
- **IRISA & INRIA** Rennes, France  
*Intern* May 2016–July 2016
  - **Specifying the Experimental Scenarios for Simulated Cloud Studies:** Designing an API for SimGrid, a distributed system simulator, targeting researcher's needs for cloud simulations.
  - **Supervisors:** Martin Quinson & Anne-Cécile Orgerie (Myriads research group)
- **University of Caen** Caen, France  
*Student* September 2014–May 2015
  - **Group project:** Building the Best Individuals in Faster Than Light using Genetic Algorithm and Data Mining.
  - **Supervisor:** Jean-Philippe Métivier

**COMPUTER SKILLS**

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- **Languages:** Python, C, C++, Java, Coq, Vimscript,  $\LaTeX$ , OCaml, Haskell, Scala, SQL, Go
- **Libraries:** Clang AST, ast.py, CPython, Spoon, Pitest, WALA slicing, CUDA, MPI, OpenMP, ANTLR3, Xtext, Flex/Bison, NumPy, Hadoop
- **VCS:** Git, Subversion
- **Automation:** Make, Maven, SBT
- **Testing:** \_Unit, Jacoco, unittest.mock
- **Platforms:** macOS, Linux

## SPOKEN LANGUAGES

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- **French:** Mother tongue
- **English:** Fluent (TOEIC Listening & Reading 990 [March 14, 2017])
- **Korean:** Basic user

## CERTIFICATIONS

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- **Driving Licence**