

EDUCATION

- **University of Rennes 1** Rennes, France
MSc in Computer Science, research track 2016–2018
- **École normale supérieure of Rennes** Rennes, France
Research training in Computer Science (lectures, reading sessions, lab visits, group projects) 2015–2018
- **University of Rennes 1** Rennes, France
BSc in Computer Science, research track 2013–2016

EXPERIENCE

- **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

- **Languages:** Python, C, C++ , Java, Coq, Vimscrip, ~~TeX~~ \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

- **French:** Mother tongue
- **English:** Fluent (TOEIC: 990, IELTS: 8)
- **Korean:** Basic user