Simon Bihel

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EDUCATION

University of Rennes 1 & ENS Rennes — Rennes, France
M.Sc. 2 in Computer Science, research track — *2017 – 2018*

University of Rennes 1 & ENS Rennes — Rennes, France
M.Sc. 1 in Computer Science, research track [74 ECTS, GPA: 12.94/20, Rank: 15/18] — *2016 – 2017*

École Normale Supérieure of Rennes — Rennes, France
Magistère in Computer Science, research training (lectures, reading sessions, lab visits, group projects) — *2015 – 2018*

University of Rennes 1 & ENS Rennes — Rennes, France
B.Sc. in Computer Science, research track [66 ECTS, GPA: 10.956/20, Rank: 17/20] — *2015 – 2016*

University of Caen — Caen, France
B.Sc. in Computer Science [120 ECTS, GPA: 17.79/20, Rank: 1/157] — *2013 – 2015*

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.
- **Supervisor**: 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 language 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)

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)

SPOKEN LANGUAGES

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

COMPUTER SKILLS

- **Languages**: Python, C, C++, Java, Coq, Vimscript, LaTeX, OCaml, Haskell, Scala, SQL, Go
- **Libraries**: Clang AST, ast.py, Spoon, Pitest, CUDA, MPI, OpenMP, NumPy, Hadoop
- **VCS**: Git, Subversion
- **Automation**: Make, Maven
- **Testing**: Jacoco, Junit
- **Platforms**: macOS, Linux

CERTIFICATIONS

- **Driving Licence**