

EDUCATION

- **University of Rennes 1 & ENS Rennes** Rennes, France
MSc in Computer Science, research track 2016–2018
- **University of Rennes 1 & ENS Rennes** Rennes, France
BSc in Computer Science, research track 2013–2016

EXPERIENCE

- **Nexmo** London, United-Kingdom
Software Developer in Test November 2018–Present
 - **Voice API:** member of the RTC stack.
 - **Testing:** maintenance of the test suite (e.g. abstraction and generation of tests, parallelisation).
 - **Monitoring:** facilitate incident impact measurement, track API usage, alerting (push for on-call).
 - **Investigations:** understanding test failures or abnormal behaviours across the services.
 - **Development:** built a rating (billing) engine with a small team, various internal changes in services.
 - **DevOps:** maintenance of on-demand test environments (e.g. dockerise services, investigate issues).
- **KTH** Stockholm, Sweden
Research Intern February 2018–June 2018
 - **Adaptation of Amplified Unit Tests for Human Comprehension:** Generating natural language explanations for Java unit tests generated by DSpot.
- **KAIST** Daejeon, South-Korea
Research 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.
- **IRISA & INRIA** Rennes, France
Research Intern May 2016–July 2016
 - **Specifying the Experimental Scenarios for Simulated Cloud Studies:** Designing an API for SimGrid, a distributed systems simulator, targeting researchers' needs for cloud simulations.

SKILLS

- **Languages:** Go, Python, Rust
- **Libraries:** AST manipulations
- **Testing:** Pytest, _Unit, Mutation Testing
- **Automation:** Docker, Puppet, Nomad
- **Continuous Integration:** Jenkins, Travis, SonarCloud
- **Monitoring:** Grafana, Prometheus, ELK Stack