

## EDUCATION

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- **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

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- **Spruce Systems** (Remote) London, United-Kingdom  
*Software Engineer* September 2020–Present
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- **Nexmo** London, United-Kingdom  
*Software Developer in Test* November 2018–October 2020
  - **Voice API:** member of the Real-Time Communication stack.
  - **Testing:** maintenance of the test suite (e.g. abstraction and generation of tests, parallelisation).
  - **Monitoring:** facilitate incident impact measurement, track API usage, alerting (pushed for on-call).
  - **Investigations:** understanding test failures or abnormal behaviours across the services.
  - **Development:** built a rating engine, refactored cluster management, various internal changes in services.
  - **DevOps:** AWS migration, maintenance of on-demand test environments (e.g. dockerise services, debugging).
- **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

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