

Simon Bihel

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github.com/sbihel

EXPERIENCE

Spruce

Head of Infrastructure

(Remote) London, United-Kingdom

September 2020 – Present

- Joined as a Software Developer at the beginning of the startup.
- Development: worked on most libraries and services.
- DevOps: set up the whole infrastructure, managed services deployments, pipelines, and monitoring.

Nexmo

Software Developer in Test

London, United-Kingdom

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

Research Intern

Stockholm, Sweden

February 2018 – June 2018

- **Adaptation of Amplified Unit Tests for Human Comprehension:** Generating natural language explanations for Java unit tests generated by DSpot.

KAIST

Research Intern

Daejeon, South-Korea

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

Research Intern

Rennes, France

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.

EDUCATION

University of Rennes 1 & ÉNS Rennes

BSc & MSc in Computer Science, research track

Rennes, France

2013 - 2018