Simon Bihel

simon@simonbihel.me

simonbihel.me

github.com/sbihel

EXPERIENCE

Spruce (Remote) London, United-Kingdom
Head of Infrastructure 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 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.

EDUCATION

University of Rennes 1 & ÉNS Rennes Rennes, France
BSc & MSc in Computer Science, research track 2013 - 2018