

Noam Zeitoun

Versatile, focused, quick-learner.

Paris, France



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noamzeitoun.dev



Skills

Agile, Docker, Git, LaTeX, MongoDB, PostgreSQL, Unix/Linux, [...]

Go, Python, JavaScript, Node.js, Haskell, [...]

French (native), English (fluent)

Education

Cert. V (RNCP31114) Web & Mobile Web Development (Data Specialization) 2021

O'clock, Paris, France

B.Sc. Basic & Applied Mathematics 2019

Université Paris Cité (Campus Grands Moulins), Paris, France

Work Experience

Software Engineer, NXO, Paris, France 10/2021 - present

- Development of a terminal-based application in Go, to send commands to routers and switches via SSH. The application is using concurrency (6 seconds for 1700 routers). It handles router's shell errors detection, with a background continuous analysis of the network and logs, and more.
- Apprentice master for a work-study student preparing a B.Sc. Mathematics & Computing Applied to Social Sciences (MIASHS), for a period of one year.
- Participation to the writing of a research paper with the NetDevOps team, dealing with an application of artificial intelligence to network automation, Natural Language Processing (NLP).
- Development of a package to integrate the NetDevOps ecosystem in a VM using Docker, version control using Git, analytics & monitoring solution, source of truth, monitoring system & time series database, HTTP reverse proxy and a secrets management tool.
- Development of a dashboard website to demonstrate the action of network automation with a NetDevOps ecosystem using a headless architecture with a multivendor network emulation software, analytics & monitoring solution, JavaScript, MongoDB, Nautobot, Python and a secrets management tool.

Publication

1. *Noam Zeitoun*. Abduction and Logic Programming, 11 pages, Dec 2022, [en](#) / [fr](#)
2. *Gilbert Moisiso, Alexandre Gonzalvez, Noam Zeitoun**. Introduction to the Artificial Intelligence that can be applied to the Network Automation Journey, 20 pages, Apr 2022, [arXiv:2204.00800](#)

Projects

Skorpio

Stack-oriented programming language (compiled, native, Turing-complete), [documentation](#)