Nicolas Noé

Software developer

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Born in 1981

ESPECIALLY ENTHUSIASTIC ABOUT

- **Good:** Projects that aim to have a positive impact on current and future generations (scientific, environmental, social, art-related, …)
- **FOSS:** Maintainer and participant (code, documentation, translation, testing, …) for various open-source projects. Good open source/data/science culture
- **Maps:** Cartography and everything involving GIS
- **Low-level:** Special interest for system, low-level and hardware-related aspects
- **New world of work:** Distributed teams, coworking, radical transparency, …
- **Sharing:** Training, collaborative projects, crowdfunding, co-housing, …

WORK EXPERIENCE

Freelance software developer, Remote

Since August 2022

- References: INBO, BlueSquare

The Binary Forest, Remote — *Founder*

Since February 2023

- The Binary Forest offers consulting services and custom software design & development for science, nature and conservation

Instituut Natuur en Bosonderzoek (INBO), Brussels — *Research Software Developer*

December 2019 - August 2022

- Development of multiple tools targeted at scientists in the biodiversity / conservation field

Belgian Biodiversity Platform, Brussels — *IT Expert*

January 2009 - December 2019

- Various IT tasks in the field of **biodiversity informatics**: analysis and development of tools and web applications, data processing (ETL), participation in the [GBIF](#) initiative, promoting open biodiversity data, ...
- Training and **internal cooperation missions** (Mauritania, DRC, Togo, ...)

Schmitz Digital Printing, Ciney — *IT manager / jack of all trades*

October 2004 - January 2009

TECHNICAL KNOWLEDGE

- **Everyday tools:** Python, Django, PostgreSQL, PostGIS, Linux, Git, JavaScript, TypeScript, Vue.js, Docker, AWS, Bootstrap, Mac OS, QGIS, PyCharm, Leaflet, OpenLayers, ...
- **Also used:** Ruby on Rails, Flask, PHP, WordPress, D3.js, MySQL, hardware interfacing, ...

EDUCATION AND TRAINING

Technifutur, Liège — *System administration*

2003-2004

> 6-months security-oriented sysadmin training course

HEPL Rennequin Sualem (InPrES), Liège — *Programmer-Analyst*

2001-2003

- Bachelor's degree
- Graduated with high honors
- Specialization: industrial computing and real-time operating systems
- Final project: secure web pages - Univerza v Mariboru (Slovenia, ERASMUS programme)

PERSONALITY TRAITS

- Long-term thinker
- Attention to detail
- Pragmatic
- Curious, constantly learning new skills
- Can work alone, but enjoy the emulation of a team

LANGUAGES

- **French:** mother tongue
- **English:** fluent
- **Dutch:** rudimentary

HOBBYS

- Scuba diving
- Electronics, vintage computers and game consoles restoration
- Reading
- Currently on hold: guitar, bass, photography, travels