

# Alexis Gallèpe

Lille

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29 years old



[github.com/gallexis](https://github.com/gallexis)



[gallepe.com](https://gallepe.com)

## Software Developer

### Experience

*June 2021 to August 2021*      **Freelance - Engineer at Myel (Full Remote)**

Freelance at Myel, a Community Powered Content Delivery Network.

I mostly worked on a Go program named Pop, It was my first experience working in the Web3 world, using IPFS & the Filecoin blockchain. I had to understand the codebase of Pop, already written by the team, then read the Filecoin documentation in order to understand how the payments work.

It was for me a short but intense experience in an early startup trying to tackle some new problems introduced by the web3.

*January 2020 to May 2021*      **Full-time - Software developer at Vigie (Lille, France)**

Software developer at Vigie, a sales estimation platform of Amazon, Facebook, Vinted...

I worked on the creation of Go web crawlers able to crawl efficiently through hundreds of thousands of pages per day, then extract pertinent information from these pages.

I'm also working on the front-end of Vigie, using Next.js (React), deployed on Vercel.

*April 2019 to November 2019*      **Full-time - Software developer at Adyoulike (Paris, France)**

Software developer at Adyoulike, a native advertising company, where I maintain and develop new features on a Go codebase, doing thousands of real time bids per second. I am working on a Docker based environment, where tests and optimisations are strongly recommended.

*October 2017 to November 2018*      **Full-time - Backend developer at Partoo (Paris, France)**

Implementation of Python pipelines fetching data from the API/files of our clients and storing it in our database after a clean and formatting. Rewriting parts of the legacy code to a clearer and more tested one.

*February 2017 to August 2017*      **Internship - Thales Communications & Security (Paris, France)**

Conception and implementation of decoders which extract data inside protocols, in IP networks. I used C, Python, Wireshark, and read lots of RFC in order to understand these different protocols. Creation of network topologies to test the decoders in a controlled environment.

### Education

2017      **Master in Computer Science & Networks**, Pierre et Marie Curie University, Paris 6, France

2015      **Bachelor in Computer Science**, Lille 1 University, Lille, France

2013      **DUT in Computer Science**, Valenciennes University, Valenciennes, France

2011      **Baccalauréat Scientifique**, Notre-Dame de Grâce high school, Maubeuge, France

## Skills

- Creation of a BitTorrent client in **Python**: [github.com/gallexis/pytorrent](https://github.com/gallexis/pytorrent)
- Implementation of a peer-to-peer DHT algorithm (Kademlia) in **Go**
- Strong knowledge of Python, Go, C, **networks** (IP protocols) and Linux servers.
- Knowledge of **Rust**, Haskell, PostgreSQL, Docker and Git.
- Study of the Linux System V operating system.
- Knowledge of some the most common **algorithms** and **data structures**

## Other

- Travelled different countries like Canada, USA, England & Germany.
- Playing electrical guitar.