

Alexis Gallèpe

Lille

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28 years old



github.com/gallexis



gallepe.com

Software Developer

Education

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

2015 **Bachelor in Computer Science**, Lille 1 University, Lille (59), France

2013 **DUT in Computer Science**, Valenciennes University, Valenciennes (59), France

2011 **Baccalauréat Scientifique**, Notre-Dame de Grâce high school, Maubeuge (59), France

Experience

April 2020 to Present **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.

From 04/07/14 to 07/10/14 **Internship - SARL WW4 (WeWork4dotCom) (Roubaix, France)**

From 04/04/13 to 07/04/13 **Internship - Géninov (Montréal, Canada)**

Skills

- Creation of a BitTorrent client in **Python**: 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.