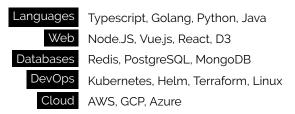






I'm a senior software engineer working at Datadog, I graduated from the Université de Lyon with a Master's degree in Artificial Intelligence.

I enjoy building applications from start to finish and specialized in large-scale automation of browsers and dynamic websites crawlers, from their conception to their implementation in the real web.



EXPERIENCE

2020 / current permanent contract

Senior Software Engineer / Software Engineer

Datadog

- · Implemented features on Synthetic Browser and API testing, covering multiple protocols.
- · Designed and maintained large-scale services, handling over 100M requests per day.
- · Explored product integrations in CLI tools, IDE and browser extensions, CI providers plugins.
- · Served as team technical lead, overseeing project planning and mentoring co-workers.
- · Acted security proponent of the team, managing internal processes and communication.

Typescript, Node.JS, Python, Kubernetes, Helm, Terraform, Puppeteer, React

2019 / 2020 6 mo. internship, permanent contract

Research & Development Engineer

Ziwit, HTTPCS

- · Developed an online virtual browser to record and capture navigation scenarios.
- · Designed a web crawling policy based on URLs' structural clustering and web graphs.
- · Implemented a Go proxy injector for Security scanning & Integrity monitoring.
- Devised a ML pipeline to learn embeddings for vulnerability detection in URLs.
- · Created a lightweight log aggregator based on Redis streams used across internal services.

Golang, Python, Vue.js, Redis, MongoDB, Tensorflow

2017

2 mo. contract

Software developer

Ziwit, HTTPCS

- Developed a robust web crawler for dynamic pages endpoints discovery.
- Contributed to full-stack development on map.HTTPCS.com and HTTPCS.com user console

Python, Javascript, Selenium, Redis

2016 6 mo. internship, 2 mo. contract

Web developper

Ziwit, HTTPCS

- · Created the map.HTTPCS.com Cyber Attacks interactive website.
- · Refreshed HTTPCS.com visual identity and led the front-end development.
- Implemented an online SSL Certificate validity checker using OpenSSL.
- Developed of a PDF user reports generator using server-side LaTeX compilation.

Python, Javascript, PHP, MySQL

EDUCATION

2017 / 2019 Master's Degree - Artificial Intelligence
Scored 985/990 at the TOEIC test.

Université de Lyon
French
Native proficiency
English
Professional proficiency
Université de Montpellier
Korean
Currently learning

Ranked 1st out of 94, part of the *Cursus Master Ingénierie* program.

2014 / 2016 **DUT - Computer Science** IUT Montpellier-Sète Ranked 4th out of 104.

2014 Scientific Bachelor's Degree Lycée Jacques Prévert, Alès

Graduated with high honors in the European section.