



XAVIER LAI

DATA ENGINEER



CONTACT



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Website

<https://xavier-lai.github.io/portofolio-xavier>

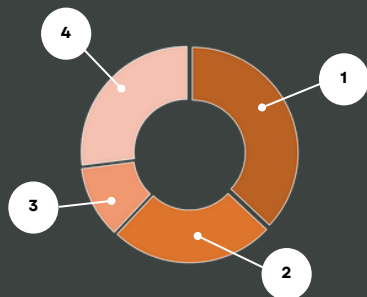


EDUCATION

Master in applied mathematics, data science
Digisport option, with honors
2019-2021, Rennes 2 university



MOTIVATIONS



1. Understand :

- Work and learn various technical stacks
- Interest in new technologies (cloud and blockchain)

2. Train :

- Part-time teacher in my former Master
- Responsible for employee technical training at C-Ways

3. Compete

- Regional french basketball competition

4. Create

- Internal process automation tools, web apps, [portfolio](#)
- 10 years pianist



MY MAIN ASSETS

- **Confirmed developer**
- Extensive knowledge of **data usage***
- **Technical lead** experiences ([achievements](#))
- **Robust and agile production** (reviews, tests, scrum)

*(source, GDPR, scheduling, storage, process, interpretation, visualization)



WORK EXPERIENCE



Data architect

Since Jan 24



Cabaia

- Cloud data architecture from scratch (ETL, scheduling, DataWareHouse, caching, dashboarding)



Tech lead

Jan 23 - Jan 24



C-Ways

More about my missions [here](#)

- Lead dev (agile methods, backlog, code reviews, project management)
- Data engineering (sourcing, scheduling, pipelines, Ci-Cd, automation, flow)
- Data Architecture (cloud, on-premise)
- Deployments (Ci-Cd, infra as code)
- Teaching (courses at university, train C-Ways employees)
- Commercial (business proposal, R&D, customer-facing)



Data engineer

Feb 21 - Jan 23



C-Ways

- Data engineering
- Data science and business analysis in big data environment
- Full stack development (flask, bootstrap, vue.js)



SKILLS & EXPERTISE

- **Functional Programming** : **Python, PySpark**
- **Database** : OLAP, star/3NF/vault data modeling, SCD
- **Sourcing** : Proxy, request, persist, log
- **Ops** : **Docker, Git Ci-Cd**, Terraform
- **Orchestration** : Airflow, workflow, DBT
- **Cloud** : [Certified Google associate cloud engineer](#)
- **Machine learning** : Mathematical **algorithms**, scikit learn
- **Web** : Flask, React, Vue.js, Bootstrap

- **Soft** : Team spirit, agility, decision making, needs translation



LANGUAGES

- French (native)
- English (B2, Advanced Mid)



MY REFERENCES

Victor Andrieu

Actual position : **Elendi/ CTO**

Victor was my **direct manager in my first year at C-Ways.**

He held the position of Technical leader for 3 years.

Email : victor.andrieu@outlook.com

Quentin Delarochelambert

Actual position : **INSEP / PhD in sport science**

Quentin was my **tutor during my two internships at INSEP.**

Quentin still holds his position in sports data science at INSEP

Email : quentin.delarochelambert@insep.fr

Antoine Bonnin

Actual position : **XXX/ CTO**

Antoine was my **CTO and managed me after Victor Andrieu left.**

He held the position of CTO for 5 years.

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