



XAVIER LAI

DATA ENGINEER



CONTACT



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Website

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



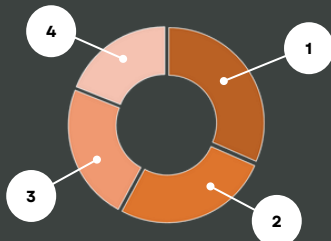
EDUCATION

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

🕒 **Licence in Mathematics and statistics**
With honors
2018-2019, Bretagne sud 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 engineer

Since Feb 2021



- Data engineering (sourcing, scheduling, pipelines, Ci-Cd, infra & ops, cloud)
- Project management (agile methods, commercial proposal, backlog, code reviews, lead dev)
- Data science and business analysis in big data environment
- Full stack development (flask, bootstrap, vue.js)



Freelance data science consultant May 20 - Jan 21



Consulting in mathematics and modeling as part of a basketball project in the national basketball league (Jeep Elite and Pro B)



Data scientist intern

May - Aug 20



Clustering of progression kinetics in young skiers.
Supervised classification and creation of a typology index of progression for federal coaches and actors in the framework of Quentin Delarochelambert's thesis.



SKILLS & EXPERTISE

- **Functional Programming** : **Python, PySpark**
- **Database** : **PostgreSQL**, SQL server
- **Sourcing** : Proxy, request, persist, log
- **Ops** : **Docker, Git Ci-Cd**, Terraform
- **Scheduling** : Airflow
- **Cloud** : **Certified Google associate cloud engineer**
- **Machine learning** : Mathematical **algorithms**, scikit learn, caret
- **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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