



# XAVIER LAI

DATA ENGINEER



## CONTACT



### Phone

+33 6 80 76 77 25



### Email

xavier.lai@orange.fr



### Website

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

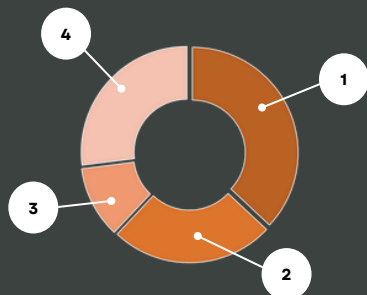


## EDUCATION

**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 engineer

Since Feb 2021

**C-Ways**

More about my missions [here](#)

- 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

**GIVENGO**

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

**INSEP**

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
- **Web** : Flask, React, Vue.js, Bootstrap
- **Soft** : Team spirit, agility, decision making, needs translation



## LANGUAGES

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



## MY REFERENCES

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### 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](mailto: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](mailto: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.

**Phone :** +33 6 65 37 99 60

**Email :** [bonnin.ant@gmail.com](mailto:bonnin.ant@gmail.com)