XAVIER LAI

DATA ENGINEER

CONTACT

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Website
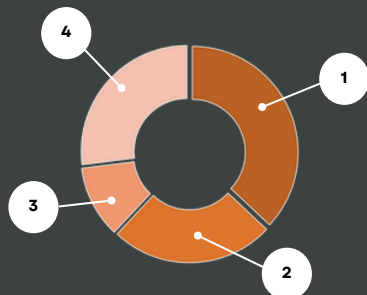https://xavier-lai.github.io/portofolio-xavier

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, portofolio
   - 10 years pianist

MY MAIN ASSETS

- **Confirmed developper**
- Extensive knowledge of **data usage***
- **Technical lead** experiences (achievements)
- Strong expertise in **mentoring and training** teams

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

WORK EXPERIENCE

Cabaïa

Teach lead Data   **Since Jan 24**

- Design and implement data architecture from the ground up for a leading French retail scale-up.

Rennes 2   Paris V

Adjunct professor   **Since Jan 22**

- Python Webscraping (http requests, proxies, logs, parralelism, authentication)
- Python functional programming
- Prompt and data engineering

C-Ways

Tech lead   **Jan 23 - Jan 24**

More about my missions here

- Lead dev (agile methods, backlog, code reviews, project management)
- Data engineering (sourcing, scheduling, pipelines, automation, orchestration)
- Data Architecture (cloud, on-premise)
- Deployments (Ci-Cd, infra as code)
- Commercial (business proposal, R&D, customer-facing)

Data engineer   **Feb 21 - Jan 23**

SKILLS & EXPERTISE

- **Functional Programming** : **Python, PySpark**
- **DataBase**: DataWarehousing, data modeling, OLAP, RDBMS
- **Sourcing** : Extract from API/Webscraping, persist, log
- **Ops** : **Docker**, **Git Ci-Cd,** Terraform
- **Orchestration** : Airflow, workflow, DBT
- **Cloud** : **Certified Google associate cloud engineer**
- **Machine learning** : Mathematical **algorithms**
- **Web** : Flask, React, Vue.js, Boostrap

- **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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