Victor TAILLIEU

Data & machine learning engineer

✉ victor.taillieu@efrei.net

📱 +33 6 95 08 97 95

in victor-taillieu

🔗 victortaillieu.github.io

○ VictorTaillieu

LANGUAGES

🇫🇷 French: Native

🇬🇧 English: Fluent (TOEIC 895)

🇩🇪 German: Intermediate

🇰🇷 Korean: Notions

SKILLS

- **Programming**: Python, R, Scala, Java, C/C++, LaTeX

- **Data analysis**: NumPy, Pandas, TensorFlow, PyTorch, Scikit-learn

- **Databases**: MongoDB, MySQL, PostgreSQL

- **Softwares**: Git, Visual Studio Code, Android Studio, Eclipse, RStudio, Office

- **Environments**: Linux, Windows, Android

INTERESTS

Chess: practice in club and competitions since 2010 and on internet, treasurer of an association in 2018

Road cycling: amateur level, passionate about cycling

Fencing: practice in club and competitions (2008-2015), referee for 2 years

PROFESSIONAL EXPERIENCE

Developer in artificial intelligence (internship)
Decathlon (Montreal, Canada) | May 2022 - November 2022

- Recognize product brands by deep learning (Python, TensorFlow)

Data storage engineer (internship)
Sencrop (Lille, France) | April 2021 - August 2021
Connected weather stations and data platform for farmers

- Search for "big data" storage technologies (PostGIS, GeoWave)
- Cross geographical and vector data (Python, SQL)

Project collaborator and quality assistant (internship)
KWS (Einbeck, Germany) | June 2018 - July 2018

- Develop a microservice for plant detection on images (Python, Flask, Gitlab)
- Perform germination tests (seed quality)

EDUCATION

Engineering Master's degree in computer science
EFREI Paris (Villejuif, France) | 2017 - 2022

- Big Data & Machine Learning program
- International section (courses in English)

Master's degree in computer science
Université de Sherbrooke (Canada) | August 2021 - April 2022

- Double-degree
- Artificial intelligence and data science program

Semester of study abroad
KAIST (Daejeon, South Korea) | August 2019 - December 2019

- Software engineering (Java, UML)
- System programming (C, Linux)
- Implementation of an interpreter (Scala)

ACADEMIC PROJECTS

Image captioning project
Université de Sherbrooke | January 2022 - April 2022

- Image captioning using recurrent and convolutional neural networks (Python, PyTorch)

Innovation project
EFREI Paris | October 2020 - April 2021

- Agile project in team of 8 followed by certified coaches
- Optimize energy consumption and space (Python, MongoDB)

Speech contest
EFREI Paris | March 2019 - June 2019

- Companies' favorite (Agap2 and Devoteam)
- Deliver a speech in front of the promotion (ease in speaking)