



## INFORMATIONS



Orleans, France



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## EDUCATION

### MSc Computer Science

2019-2024

University of Technology of Belfort  
Montbéliard  
France

### Exchange Year (Machine Learning Specialization)

2022

Jeonbuk National University  
South Korea

## IT SKILLS

C++/C - Python - PyTorch -

JavaScript - React - SQL - Docker - Git

## LANGUAGES

French - Native

English - Fluent

Korean - Intermediate

## HOBBIES



Basketball



Chess



Reading

# BIZET Rémi

## Seeking a position in AI/Data Science and Software Development

## EXPERIENCE

### Full-Stack Developer

Nov. 2024 - Now

- Building our own SaaS app to connect service providers with end-users using **React Native (Expo)**
- Designed a **PostgreSQL** scalable backend with Supabase
- Containerized services with **Docker**; set up **GitHub Actions** for CI/CD

### Machine Learning Engineer (Internship)

Feb. 2024 - Sep. 2024

Neutune (Seoul, South Korea)

- Recompiling **PyTorch** models for AI Music Generation. (Autoencoders)
- **Fine-tuning** Singing Voice Conversion (SVC) models (Diffusion Models)
- Documentation and research on **Differential Digital Signal Processing (DDSP)** models

### AI Computer Vision Engineer (Internship)

Sep. 2022 - Mar. 2023

Jeonbuk National University Computer Vision Laboratory

- Cancer Detection using different **Computer Vision** models with **PyTorch** (EfficientNet, Xception ..)
- Model analysis, data processing, and interpretation of results with **NumPy, Pandas & Matplotlib**
- Field data collection & labelling with **Label Studio**

## PROJECTS

### Data Science & AI Projects

- Reinforcement Learning with a convolutional **Deep-Q-Learning** agent playing a football game
- **Apache Kafka** pipeline consuming UK rail data to save it on **Google Cloud Storage (GCS)** and send Telegram notifications.
- ETL Pipeline for NYC Taxis Data using **Spark & Hadoop & Hive**

### Software Engineering Projects

- Chat Application using **C++** and **PostgreSQL**
- Created a virtual Belote (French card game) using **C**
- Food Ordering Application with **JavaScript React & MongoDB**