

# QUENTIN LEFFRAY

Full Stack Software Engineer

+33 7 82 81 54 98  
fiahil@gmail.com  
github.com/fiahil

## Experience

January 2016

June 2018

Scala - Python  
Postgresql - Elasticsearch

Software Engineer @ Kpler | Paris, France

Kpler is an intelligence company providing transparency solutions in energy markets.

As a backend engineer I was working on multiple APIs and algorithm on the core cargo tracking platform.

September 2014

December 2015

Scala - Javascript  
MongoDB - Elasticsearch  
Docker

Software Engineer @ Sépage | Paris, France

Core front-end and back-end contributor on real-time distributed systems, including a semantic search engine and a low latency travel recommendation engine with analytics, tracking and delivery service.

May 2013

October 2013

C/C++ - Python  
Opus Codec  
Android - iOS - OS X - Windows

Engineering Intern @ Creawave | Rennes, France

Research and Development on a speech synthesis engine.  
Multi-platform port of a core technology.

August 2011

March 2013

C/C++ - OCaml

Teaching Assistant @ Epitech | Rennes, France

Answer technical questions and support students in their learning curve by sparking interest and cultivate curiosity.

## Projects

2017

Floating Storage

Algorithm capable of following floating oil tankers and estimating their cargo. Using CQRS and Event Sourcing technics, we could reconstruct the historical activity of a large fleet of tankers.

2017

RMS

Service synchronizing efficiently PostgreSQL and Elasticsearch.

2015

Re-one

Semantic search engine designed for the travel industry.

## Education

2014

Epitech

2015

Master's Degree in Software Engineering

2013

University of California, Berkeley

2014

Summer Session in Economics and Business

2013

California State University, Long Beach

2014

Computer Science  
Information Technology

2010

Epitech

2013

Bachelor of Science in Computer Science

## Skills

Python

Scala

Javascript

PostgreSQL

Elasticsearch

Rust

OCaml

Shell script

DDD

CQRS

Event Sourcing

DevOps

Data Processing

System Design

## Languages

French

Native proficiency

English

Full professional proficiency

## Interests

Photo



Games



Tech

