

# Dr. Jérémy Cochoy

---

CTO at Symphonia

Co founder of **Symphonia**

---

## Corporate Experience

- 2019-2020**      *CTO at Symphonia*
- R&D on audio signal processing using python and pytorch. Architecture and implementation of the iOS app embedding the algorithm in swift and C. Management of a small team.
- 2018-2019**      *Backend Developer at Klaxit*
- I was a backend developer at the French carpooling startup Klaxit. Worked with a ruby stack, redis, sidekick, aws, postgre on features integration, bug fixes, and performance improvement.
- 2015-2018**      *Doctorat et Monitorat - INRIA Saclay & U-PSUD (Paris, France).*
- PhD in persistent homology with Steve Oudot. I taught at the IUT d'Orsay and University Paris Descart.
- 2013**            *Internship with Frank Wagner (Lyon, France).*
- Modele theorie.
- 2012**            *Internship with Frédéric Chapoton*
- Knot theory.
- 2009**            *In charge of the Assembly sujet at EPITECH*
- I was in charge of the *Assembly* lessons for the second year students at the School EPITECH. I also took part to other subjects.

## Education

- 2018**            *PhD in Computer science and Mathematics*
- I worked on persisent homology.
- 2014 - 2015**      *Master Introduction a la theorie des fonctions zeta et L - ENS (Lyon, France).*
- Second year of master at the Ecole Normale Superieur of Lyon.
- 2013 - 2014**      *Agregation - ENS (Lyon, France).*
- Selective French competitive exam to allow teaching in high school and classes preparatoires.

- 20011 - 2012**      *Licence 3 - ENS (Lyon, France).*  
Third year of Licence in mathemtics at the Ecole Normale Superieur of Lyon.
- 2009 - 2011**      *Licence 1 and Licence 2 - UCBL (Lyon, France).*  
First and second year of Licence in the university of Lyon.

## Open Source Contributions

- C++**              Author of **sednl**, a simple event driven network library.
- Rust**             Author of **SGB**, a simple game boy classic emulator written in rust.

## Few technologies and stacks I like

- Ruby, Rails, Sinatra, Redis
- Vue.js, React
- Pytorch, Flask
- Swift
- AVR assembly

## Activities and interests

- Hobbies**        Playing and composing music, reading.
- Sports**         Dance (Lindy Hop, Rock, ...) and Climbing.

---

jeremy.cochoy@gmail.com • +33 6 43 01 74 02 • years old  
27 Rue au maire  
75003 Paris

**pdf version • txt version • doc version • html version**