

Dr. Jérémy Cochoy

CTO at Symphonia

Co founder of **Symphonia**

Corporate Experience

- 2019** *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 Supérieur 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
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