

EDUCATION

- 2018 - 2019 **Master's Degree: MVA - Mathematics, Vision, Learning** - at **ENS Paris-Saclay**
Prestigious French master on Machine Learning. *Theory and research oriented.*
- 2015 - 2019 **Master of Engineering in Computer Science** - at **École Nationale des Ponts et Chaussées**
• General courses + Traditional AI (e.g., trees, boosting, regressions, perceptrons)
- 2013 - 2015 **Lycée Saint-Louis (Paris)** - Intensive two-year preparatory courses (mathematics & physics) for the competitive entrance exams to the leading french engineering Grandes Écoles

RESEARCH PUBLICATIONS

- sep 2023 **Of Spiky SVDs and Music Recommendation** - ACM RecSys 2023
Best short paper runner-up
- dec 2022 **Learning Unsupervised Hierarchies of Audio Concepts** - ISMIR 2022
- jun 2022 **Explainability in Music Recommender Systems** - AI Magazine 43:2
- jul 2021 **Towards Rigorous Interpretations: a Formalisation of Feature Attribution** - ICML 2021
- sep 2020 **Making Neural Networks Interpretable with Attribution** - ACM RecSys 2020
- sep 2018 **Mesonet: a Compact Facial Video Forgery Detection Network** - WIFS 2018
Unexpected but has more than 1000 citations. I am kinda famous.

RELEVANT EXPERIENCES

- present **PhD, Research scientist** - in the **Research team at Deezer (Paris)**
nov 2019 Research topic: "Interpretable Music Recommender Systems"
- oct 2019 **Research internship** - in the **Recommendation team at Deezer (Paris)**
apr 2019 • Tensorflow, Keras, Python, Spark, Scala, Git
- aug 2018 **Research internship** - at **National Institute of Informatics (Tokyo)**
mar 2018 First team to provide a method to detect falsified videos forged via deep learning (deepfakes).
- feb 2018 **Internship - Fullstack developer** - at **BAM (Paris)**
jun 2017 Five projects of cross-platform mobile app with Lean/Scrum approaches
• Javascript, React-Native, Redux, Mobx, Node, Docker, SQL, Git, ...
- 2011 - 2014 **Association - Developer / Designer / Musician** - at **Radio VNL (Toulouse)**
Radio Vinyle was an independant music station broadcasted on the Web
• Association sector / HTML5, jQuery, PHP, Cocoa-Applescript

COMPUTING

Started with C++ in 2006

Best-known languages

Python / C++ / Javascript /
Lua / PHP / ...

LANGUAGES

French - Native
English - TOEIC, TOEFL, GRE

Experience in German and Spanish but I don't practice enough.

INTERESTS

Music: playing piano since 2005
Certificate in classical music
Funk/Soul band

Linoprinting / Climbing