

Jeremy Uzan

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Formation

- 2020-2021 **MSc ATIAM**, *Acoustics Research Institute @IRCAM Paris*.
Signal : Fourier-type methods (phase vocoder), Frequency modulation, physical modeling Acoustics : acoustic wave equation resolution, Electroacoustics, vibration and dynamics Computer Music : Machine Learning Methods, automata theory, midi format in music analysis and generation.
- 2018-2020 **Master 1 Statistics and Machine Learning**, *École Polytechnique and Sorbonne UPMC*.
Mathematical Methods in Biology, Stochastic Calculus, Mathematical Methods for Neurosciences Cloud Computing, ML and Neural Networks, GPU Based Parallel Programming.
- 2014-2017 **Bachelor in Applied Mathematics**, *Sorbonne Université Pierre and Marie Curie (UPMC)*.
Graduated with honors in intensive mathematics Coursework : Probability Theory, Statistics, Partial Differential Equations (Python) Statistical computing in Rstudio, C++ programming.

Technical Skills

Languages, Python, C++, Rstudio, SAS, SQL, IML, Scilab, RPA with UiPath.
Libraries, Pytorch, Keras, Tensorflow, Spacy, StanfordNLP, Magenta, Cuda.
Methodology, Worktools, Agile SCRUM, Trello, GitLab, GitHub, Slack.
Cloud, Docker, Spark, Azure Server, Wordpress.
Software, Office, Adobe, Ableton, ProTools.

Relevant Experience

- May – October 2019 **Data Scientist Intern**, *CAPGEMINI : SOGETI TECH LAB*, Paris, Working with Scrum Agile methodology in the Data/AI cluster.
— Project in Natural Language Processing (Spacy, BERT, StanfordNLP) for entity recognition
— Image Recognition with RCNN implementation for damaged car recognition.
- June 2018 **Data Scientist Competitor**, *FRENCHDATA*, (Speed and Efficiency).
Competition to create the best predicted model that estimates the time lapse to sell an Emmaüs product. 15 variables. 74th place out of 350 data scientists. Python
- January – June 2018 **Sound Engineering Assistant**, *STUDIO CERCLE ROUGE PARIS*, (Quick learning skills).
White and Spirit are 2 French producers. I worked as an assistant in production. Setting Up the recordings, helping for the mix, bringing ideas in the projects.
- July 2014, 2016, 2017 **Summer Job**, *Association Yaniv*, (Adaptive capacity, Anticipation, Maturity).
— Summer Camp Director (South of France), Management of 90 children and a team of 12 animators, organization of the trip, the food menus and all the partners. French Camp director certificated to "BAFAD".
— Summer Camp Counselor (Spain)

Language Skills and Interests

Languages, French (Native), Spanish and English (Professional Working Proficiency), Chinese and Russian (Beginner).
Dance, Breakdance (2007-2014), Cuban Salsa and Dance House (2016 – present).
Interests, Acrylic painting, produce music on Soundcloud, vinyl collector.