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## Education

- 2018–2019 **Master's degree, Data and Knowledge**, Télécom Paris and Paris-Sud University, Paris, France. Web data management, knowledge & semantics, big data, and data analytics from a semantic point of view. **Keywords:** Scikit-learn, Spark, Scala, SPARQL, MongoDB.
- 2016–2019 **Engineering degree, specialized in data sciences**, Télécom Paris, Paris, France. Télécom Paris is one of the most prestigious and selective engineering schools in France.
- 2013–2016 **Licence MPCI, Université Aix-Marseille**, Marseille, France. Equivalent to a Bachelor of Science degree focused on Mathematics, Physics, Chemistry and Computer Science. Degree from Aix-Marseille University and from Centrale school of Marseille. With Honours.

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## Work experience – Internships

- 2019 – June 2021 **Data scientist and Software engineer- Dassault Systems (Netvibes/Exalead) – Two years**  
Worked on *Channels*, a news-feed reader adapted to the user preferences, similar to *Feedly*.
- Implement and deploy tools using machine learning to extract and curate taxonomies from open resources.
  - Design architecture between services, back, front and index.
  - Backend in Java, JAX-RS, using proprietary continuous delivery plugged to AWS instances. Handle multi-tenant configuration.
- March-August 2019 **Data scientist - Dassault Systems (Netvibes/Exalead) – Six-months internship.**  
In the data science experience team, built software using semantics and Natural language processing.
- Prototyping and putting into production data science software
  - Helped to create a data science framework
  - Technology used: Word embedding, Topic modelling.
- Nov-August 2017 **Co-founder / CTO - Start-up Pawee.**  
Start-up incubated at ESSEC Ventures (2017) – 1<sup>st</sup> prize “start-up Week-end École Centrale de Paris” – laureate of the “Prix Pépite 2017”.
- Web development – Framework *laravel* (PHP) – development on AWS.
  - Managing three interns.
  - Legal missions (data management, legal status).
- July 2017 **Software engineering - Deloitte French Foundation. – One-month**  
Developed / adapted the website of the foundation's annual prize.
- Communicate in a large company
  - Web development – Framework *Django* (Python)
- December 2015 **Research internship- Aix-Marseille University. - One-month**  
Developed and optimised a piano fingering recognition algorithm using dynamic programming and machine learning.
- June-August 2015 **Research internship – University College London, Tower, Minnesota, USA. - Two and a half months**  
Involved in the *Cherenkov Detectors In mine PitS* (CHIPS) project about neutrino detection. In charge of the electronics and process automation of an experiment.
- Planned, convince and communicate efficiently in English.
  - Prepared quotes, purchased components, achieved the project.
  - Published paper, (arXiv:[1610.06957](https://arxiv.org/abs/1610.06957))
- June-July 2014 **One-month internship - Aix-Marseille University.**  
Developed an algorithm on a SAT (*boolean SATisfiability problem*) problem, based on Presburger arithmetics.

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## Computing and linguistics skills

- IT Languages:** Python, Bash, C, C++, HTML, CSS, SQL, PHP, LaTeX, Java. **Systems :** Linux, Windows, MacOS
- Technologies:** Created Iot (Internet of Things) objects on *Arduino* and *Raspberry pi* boards.
- Languages:** **French**, Mother tongue. **English C1.** *Effective operational proficiency (910/990 ToEIC 2016)*  
**Spanish B1.** *Elementary.*

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## Interests

- Student Life :** **IT Director (2017 - 2018)** of the Junior Enterprise of Télécom Paris.  
(In charge of a server with mail, intranet, website, Gitlab...).
- Elected representative (2016 - 2017)** of the freshman class, Télécom Paris.
- Co-founder and President (2014-2016)** of the student association of the French **MPCI** bachelor.
- Piano:** Conservatoire of La Ciotat (2005- 2016). Numerous concerts.
- Sports :** Swimming and running (Finisher of the Paris half-marathon 2018).