Maxime Elkael

Computer Science Masters student
Holder of a computer science Bachelor.

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Education

2018-2019	**First year computer science Masters (Algorithmics and Modelisation)**, in Université Paris-Saclay Algorithmics, C language, Java, Node.js, Web, Design Patterns, Databases, ranking methods.
2014-2017	**Graduated from computer science bachelor, with honors**, at Université de Versailles Algorithmics, C Language, Java, Web, Databases.
2014	**Graduated from High School with honors**.

Projects Personal Experiences

Project	**Manu le menu**, *A chatbot that recommends restaurants throught a user-friendly facebook messenger discussion (using yelp datas for selecting restaurants).*, data scrapping, Python implementation (Django).
	elkael.com, *My online portfolio, designed from scratch as an interactive clone of Windows XP*, Use of HTML, CSS, javascript. Reflexion on the UI and conduction of UX user tests online and in person..
	pagerank, *Implemented pagerank algorithm for research in python*, Use of Python for advanced algorithms. Tweaking an algorithms for use both on small datas and at scale..
2017-2018	**Backpack travelling in South America**, *Argentina, Chile*, Gave me a great sense of autonomy, I learnt spanish there..

Professionnal Experiences

2016-2017	**Collège du Cèdre (Middle school), Le Vésinet - France**, Student job: Teaching assistant - taking care of pupils, communication with the parents, investment with a team.
2014	**Agence Laure Josse Immobilier (real estate agency), Le Vésinet - France**, IT maintainance, setting up the client-management software and the database.

Skills and languages

IT

Languages	Python : Advanced (Pytorch, Django, Scrapping, ...)	Web	HTML5 - CSS3. JavaScript (JQuery, Node.js, Express)
Databases	SQL - Oracle/MySQL noSQL - mongoDB		
Tools	GitHub Heroku, AWS Doxygen, Javadoc GNU/Linux : good knowledge of the system, great at automating tasks		Microsoft Office and LibreOffice.
CMS	Wordpress		

Languages

English	Fluent
Spanish	Notions
German	Notions