

Charles de Dampierre

+33(0)680591884 | charles.de-dampierre@hec.edu | [LinkedIn](#)

Education

ENS, SciencePo Medialab - PhD in Computational Social Science & Cultural Evolution PhD with Nicolas Baumard, Hugo Mercier & Andrei Mogoutov - I study human preferences regarding cultural objects using data online and specializing in Natural Language Processing and Network Theory	October 2021 - Present
ENS, EHESS (Paris Sciences & Lettres "Cogmaster") Co-hosted Cognitive Science Research Master focusing on Data Science, Social Science & Cognitive Neuroscience Master Thesis: " <i>Quantifying & Explaining Cultural Productivity in History</i> "	September 2019 - July 2020
HEC PARIS « Grande Ecole » program, 3rd year bachelor and 2 years Master in Business Administration	September 2014 - June 2019
Summary of my experiences in HEC's partners' universities:	
• POLYTECHNIQUE, Paris: " <i>Data For Management Certificate</i> ". Machine Learning training to solve business's issues	May - June 2019
• TSINGHUA School of Economics and Management (SEM), Beijing: MBA Exchange Program (MEP) during last year Master Master Thesis: " <i>Artificial Intelligence Clusters in China</i> "	Fall 2018
• KEIO UNIVERSITY, Tokyo: Keio International Program (KIP) during 3rd year bachelor Focus on Southeast Asia and Japan's Culture & Economics	Spring 2015
• SUPAERO: Aircraft & Space Studies Academy	January 2016
INTEGRALE School, Paris <i>Preparatory classes</i> - an intensive two-year preparatory program for highly competitive entrance exams into top business schools (equivalent to the first 2 bachelor years): Mathematics, Economics, Sociology & Philosophy	2012-2014

Research Experience

SCIENCE PO PARIS - MEDIALAB <i>Research Assistant with Andrei Mogoutov, Jean-Phillipe Cointet & Dominique Cardon</i> Working on the qualification, quantification & mapping of online behaviours regarding disinformation & conspiracy theories. I used Natural Language Processing, Network Theories and Graph Embedding.	October 2020 - Septembre 2021
ECOLE NORMALE SUPERIEURE (Cognitive Science Department), Paris <ul style="list-style-type: none">- <i>Research Engineer with Nicolas Baumard.</i> I study the evolution of human preferences regarding cultural objects using Big Data and Machine Learning- Coordinator the Academic Chair at ENS-PSL "<i>Cultural Data Science and Human Behavior</i>" (September 2021)	October 2019 - September 2021

Research papers & publications

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- 30e rapport annuel du CNCDDH sur la lutte contre le racisme, l'antisémitisme et la xénophobie (July 2021)
 - Dubourg, E., Thouzeau, V., de Dampierre, C., & Baumard, N. (2021). Exploratory preferences explain the cultural success of imaginary worlds in modern societies [Preprint]. PsyArXiv. <https://doi.org/10.31234/osf.io/d9uqs>
 - Un Monde d'Énergie, rapport 2016, ENGIE. http://documents.engie.com/publications/VF/Monde_Energie_Ed2016.pdf

Private Sector Experiences

GOOGLE, Paris <i>Right arm of the Head of Startups France (Team LCS) developing Google Startup Activities in France</i> Project Owner, I Opened a Google Startup Training Center at Station F incubator and I created and managed a databases related to French startups	January – July 2018
SOCIABBLE, New-York City <i>Business Developer for a Software Company with clients such as Microsoft, Google and l'Oréal</i> Project owner, Go-to Market Strategy in the US, CRM management, Marketing activities	January – July 2017
ENGIE, Paris La Defense <i>Strategy Analyst.</i> I worked on the publication of an annual document gathering all information about world's energy production & consumption for top executives.	June - December 2016

Technical Skills

Languages: Python (3 years of experience), SQL, HTML, R, LaTeX

Libraries: Pandas, NumPy, Matplotlib, Ggplot2, Seaborn, Scrapy, Scikit learn, Ipyleaflet

Developer Tools: JupyterLab, PyCharm, Gephi, Google Suite (Sheets, Slides, Docs)

Statistics: Regression, PCA, time lag analysis..

Volunteer Work

HEC Alumni Network : I Work as a data scientist to help define of the core values of the Alumni Network parsing surveys using NLP March - Octobre 2020

TEDx Saclay “Au service du vivant”: Participation in the organization of a science popularization event November 2017

Leisure Activities

- Guitar (15 years)
- Surfing