Curriculum Vitæ
# Paul, Hector Kervegan

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## WORK EXPERIENCE

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| Nov. 2022 – Dec. 2024 | **Research engineer**  INSTITUT NATIONAL D'HISTOIRE DE L'ART, *Richelieu. Histoire du quartier* |

As the research engineer for the *Richelieu. Histoire du quartier* programme, I have been in charge of conceiving and implementing a complete data processing pipeline: full-stack development of a web platform aimed towards researchers (REST API, data visualisation and mapping), PostgreSQL database modelling and administration, data migration, GIS management.

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| April 2022 – Sept. 2022 | **End of studies internship**  École nationale des Chartes  ÉCOLE NORMALE SUPÉRIEURE, *MSS/Katabase* |

For the *MSS/Katabase* research project, I worked towards automating the management and analysis of a database of 500 XML-TEI documents: text mining, named entity resolution and quantitative analysis. I redesigned of the project's website and established a REST API.

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| June 2021 – Sept. 2021 | **Internship**  ARCHIVES NATIONALES, *ANR DesignSHS* |

From the inception of the *DesignSHS* programme (funded by the French National Research Agency, or ANR), I participated in modelling and enriching a database of historical documents, before carrying out an exploratory study in data visualisation and statistical analysis.

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| March 2021 – May 2021 | **End of studies internship** École du Louvre  INA GRM |

Within the National Audiovisual Institute's Music Reseach Group (INA GRM), I established a database of the GRM's academic publications: archival research, analysis of bibliographic metadata standards, comparative study of open-source database management systems.

## EDUCATION

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| 2021 – 2022 | **Master's degree** Digital technologies applied to history  ÉCOLE NATIONALE DES CHARTES |

Master's thesis: *Modelling, semanting enrichment and dissemination of semi-structured textual corpora: the case of manuscript sales catalogues*, under the direction of Lucence Ing (École nationale des Chartes). Available online.

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| 2020 – 2021 | **Master's degree** Documentation and digital humanities  ÉCOLE DU LOUVRE |

Master's thesis: *From the first processing to open data. Aims and methodology towards a referencing of the INA GRM's academic publications*, under the direction of Françoise Dalex (Musée du Louvre) and Alix Chagué (INRIA).

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| 2019 – 2020 | **Master's degree, first year** Art history and museology  ÉCOLE DU LOUVRE |

Specialised in *Socio-cultural European anthropology*. First year's master's thesis: *"Social objects". The function of instrumentation in noise music*, under the direction of Claire Calogirou (CNRS), Sarah Benhaïm (Université de Tours) and Catherine Guesde (Université Paris 8).

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| 2016 – 2019 | **Bachelor degree** Art history  ÉCOLE DU LOUVRE |

Double specialisation in *20$^{th}$ century arts* and *Contemporary art*.

## TEACHING AND SCIENTIFIC COORDINATION

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| 2024 | **Scientific coordinator** *Studying the city* seminar  INSTITUT NATIONAL D'HISTOIRE DE L'ART |

Scientific coordinator of the research seminar: *Studying the city: a dialogue between digital practices and art history*. Conception of the programme, organising the conferences, interlocutor for the guest speakers.

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| 2024 | **Member of the scientific commitee**  HUMANISTICA 2024 CONFERENCE |

Participation in the peer review process: evaluation and correction of the submissions.

| 11 march 2024 | **Teaching** Introduction to text mining (2h) | ÉCOLE NORMALE SUPÉRIEURE |

Part of the *Introduction to Digital humanities* seminar coordinated by Léa Saint-Raymond: hands-on presentation of distant reading techniques using Python (*POS tagging*, lexical density). The source code is available online.

| 30 march 2023 | **Workshop** Modelling and exploiting textual corpora | ÉCOLE NORMALE SUPÉRIEURE |

Co-organisation and facilitation with Léa Saint-Raymond of a day-long workshop on the analysis of TEI-encoded textual corpora: named entity recognition, geocoding, data visualisation of 267 letters. The presentation and source code are available online.

| 20 february 2023 | **Teaching** Introduction to text mining (2h) | ÉCOLE NORMALE SUPÉRIEURE |

Part of the *Introduction to Digital humanities* seminar coordinated by Léa Saint-Raymond. The presentation was focused on data analysis using Python (regular expressions, API, data visualisation). The source code is available online.

## HONOURS

| 2023 | **"Open science" award** | MINISTÈRE DE L'ENSEIGNEMENT SUPÉRIEUR ET DE LA RECHERCHE |

The *Richelieu. Histoire du quartier* research programme was awarded from the French Ministry of Higher Education an Open science award for research data, in the category "Reusing data – young researchers"

| 2020 | **"Young reseachers" award** | IASPM -- BFE |

My paper *Instrumental transition: redefining the electric guitar through noise practices* was awarded the 2020 young researchers award of the International association for the study of popular music – Branche Francophone d'Europe.

## PUBLICATIONS

Duvette, Charlotte and Paul Kervegan (2024a). "Culture Visuelle et Questions d'échelle. Modéliser Un Ensemble Monumental En Milieu Urbain à Partir de Ses Représentations". In: *Humanistica 2024*. Meknès, Maroc: Humanistica, l'association francophone des humanités numériques. URL: https://hal.science/hal-04554986v1 (visited on 04/29/2024).

Kervegan, Paul, Charlotte Duvette, et al. (June 2023). ""La Marque Du Lieu" Dans Le "quartier Richelieu"". In: *Humanistica 2023*. Géographie. Genève, Switzerland: Humanistica, l'association francophone des humanités numériques. URL: https://hal.science/hal-04108218 (visited on 02/28/2024).

Christensen, Kelly et al. (Jan. 2022). *Projet Exposition Universelle de 1878*. DOI: 10.5281/zenodo.6126447. URL: https://htr-united.github.io/share.html?uri=2c673f312 (visited on 12/11/2023).

## PRESENTATIONS

Duvette, Charlotte and Paul Kervegan (Apr. 2, 2024b). "Richelieu. Histoire Du Quartier, a Digital Ecosystem for the Analysis of the Urban Experience through Historical Sources". In: *DHAI: Digital Humanities and Artificial Intelligence*. Paris, France.

Duvette, Charlotte, Paul Kervegan, Elsa Marguin-Hamon, et al. (Apr. 21, 2024). "Patrimoines Partagés et Numérisation – Mettre En Commun Les Collections". In: *Rendez-Vous Chine de La Cité de l'architecture*. Paris, France. URL: https://www.citedelarchitecture.fr/fr/agenda/colloque-conference-debat/patrimoines-partages-et-numerisation-mettre-en-commun-les (visited on 04/29/2024).

Kervegan, Paul and Charlotte Duvette (Apr. 12, 2024). "Le projet "Richelieu - Histoire du quartier"". In: *Séminaire du GTSO Données*. DOI: 10.5281/ZENODO.10964202. URL: https://zenodo.org/doi/10.5281/zenodo.10964202 (visited on 04/24/2024).

Duvette, Charlotte and Paul Kervegan (Nov. 6, 2023a). "Chapeliers, Architectes, Nouveautés : Géo-Analyse Des Activités Visibles et Invisibles d'un Quartier". In: *Res(t)Ituer Les Annuaires Commerciaux et Les Évolutions de l'espace Parisien Du XIXe Siècle. Partager l'expérience et Les Ressources Du Programme ANR SoDUCo*. Paris, France. URL: https://soduco.geohistoricaldata.org/soduco_bnf_seminars/ (visited on 04/01/2024).

— (Nov. 13, 2023b). "Rich.Data : Un Dialogue Entre Pratiques Numériques et Histoire de l'art". In: *La Fondation Des Sciences Du Patrimoine Fête Ses 10 Ans à La Philharmonie de Paris !* Paris, France. URL: http://www.sciences-patrimoine.org/fsp-evenement-10-ans/ (visited on 12/11/2023).

Duvette, Charlotte, Paul Kervegan, Justine Gain, et al. (Apr. 3, 2023). "Le Projet "Richelieu. Histoire Du Quartier"". In: *Ateliers de l'INHA*. Paris, France.

Kervegan, Paul, Jean-Christophe Carius, and Nadine Gastaldi (Dec. 5, 2023). "De La Cartographie Au Web Design : Quelles Formes Pour Restituer La Matérialité Des Sources et l'évolution Urbaine". In: *Étudier La Ville : Un Dialogue Entre Pratiques Numériques et Histoire de l'art*. Paris, France.

Kervegan, Paul, Colin Prudhomme, and Jean-Philippe Moreux (Nov. 7, 2023). "Modéliser et Représenter Un Lieu Dans Les Humanités Numériques : Regards Croisés". In: *Étudier La Ville : Un Dialogue Entre Pratiques Numériques et Histoire de l'art*. Paris, France.