

LAÍS FELTRIN SIDOU

📍 Federal University of Pelotas, Brazil

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Experience

- 2023 – 2024 **Fulbright-National Archives Heritage Science Fellow** Heritage Science Research and Testing (RXT), U.S. National Archives and Records Administration (NARA). Full-time.
- 2021 – 2022 **Teaching Assistant** Department of Museology, Conservation and Restoration, Federal University of Pelotas, Brazil. Part-time.
- 2016 **Teaching Assistant** Chemistry and Chemical Engineering Departments, Regional University of Blumenau, Brazil. Part-time.
- 2014 **Undergraduate Teaching Assistant** School of Arts, Science and Humanities, University of São Paulo, Brazil. Part-time.

Education

- 2021 – 2026 **Federal University of Pelotas, Brazil**
Ph.D. Social Memory and Cultural Heritage
Thesis title: *Predictive Bayesian network model for modern and contemporary textile heritage objects: a tool to aid in the management of textile collections.*
- 2015 – 2018 **Regional University of Blumenau, Brazil**
M.Sc. in Chemistry
Dissertation title: *Application of ionic liquids as solvents and auxiliaries in the dyeing process of natural and man-made fabrics.*
- 2011 – 2014 **University of São Paulo, Brazil**
BA in Textile and Fashion Studies – Grade 8.8/10 (Equiv. First-Class Honours)

Research Skills

- Instrumental FTIR-ATR, optical microscopy, spectrophotometry (color analysis), DSC, microfade testing, UV-Vis, tensile testing, accelerated aging
- Data analysis Bayesian models, supervised and unsupervised machine learning (regression, clustering, factor analysis, PCA), R, Fiji/ImageJ

IT and Language Skills

- Coding & IT R, SQL, LaTeX, Unix-based systems, Quarto & RMarkdown, Google Workplace, MS Office
- Languages Portuguese (native), English, Spanish

Grants and awards

- 2023 Fulbright-National Archives Heritage Science Fellowship
- 2021 CAPES DS Ph.D. Studentship
- 2015 CAPES DS M.Sc. Studentship
- 2012 Ensinar com Pesquisa Research Award – University of São Paulo

Interests and Activities

- 2025 Member of the organization committee of the 2025 Academic Week of the Graduate Program in Social Memory and Cultural Heritage at the Federal University of Pelotas, Brazil
- 2018 – present Volunteer LaTeX Advisor at Overleaf c/o Digital Science, UK
- 2018 – 2021 English as a Second Language (ESL) teacher to children aged 6 and up, teenagers and adults at three different language schools in Blumenau, Brazil
- 2017 STEM project-based learning instructor to students aged 7-18 years old at the Maker Education Space at SESI Blumenau, Brazil