

Marko Milosev, PhD



Research Fellow, European University Institute


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Research profile:

Historian of modern Europe with a specialization in digital methods for historical text analysis. My doctoral and postdoctoral work combine natural language processing (NLP), machine learning, and corpus linguistics to explore political discourse and extremism in historical newspapers. I specialize in multilingual data processing, OCR pipeline development, and the application of sentiment analysis, topic modeling, and text classification using Python-based NLP frameworks.



Education:

- 15/09/2019 - 29/07/2024 Ph.D. in Comparative History– Department of History, Central European University, Vienna, Austria
 - 15/09/2018 - 30/06/2019 M.A. in History – Department of History, Central European University, Budapest, Hungary
 - 01/10/2014 - 30/06/2015 M.A. in History – Department of History, Faculty of Philosophy, University of Novi Sad, Serbia - 2015
 - 01/10/2007 - 30/06/2012 B.A. in History - Department of History, Faculty of Philosophy, University of Belgrade, Serbia
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Work Experience:

- Main researcher on the project “Nationalism in Flux: Understanding the Relation between Autonomy and Radicalization in Austria-Hungary through the Use of AI Tools”, European University Institute, Florence, Italy, 01/09/2024 - Present
- 01/02/2024 - 30/06/2024 Doctoral researcher at the Faculty of Political, Administrative and Communication Sciences, Cluj-Napoca, Romania
- Country expert in the project “Analysis and contextualization of the content of the EU Internet Forum (EUIF) Knowledge Package on violent right-wing extremist and terrorist groups, symbols and manifestos” for the European Center for Democracy Development, Riga, Latvia, 01/01/2024 - Present
- Pre-Admissions Officer –HIPS EMJMD-IUEP program, Budapest, Hungary, 01/09/2021-01/05/2022
- Pasts, Inc., Center for Historical Studies – book editing, Budapest, Hungary, 01/05/2021-01/07/2021
- Country expert for the Center of Research on Extremism – the analysis of rightwing violence in EU countries, Vienna, Austria, 01/01/2021-01/09/2021
- Teaching assistant - Historiography: Topics in Its History and Theory (seminar) at Central European University, Vienna, Austria, 01/10/2020-15/01/2021
- Teaching assistant - Historiography: Topics in Its History and Theory (lecture) at Central European University, Vienna, Austria, 01/10/2020-15/01/2021
- Teaching assistant - Revolutions and Civil Wars in the Twentieth Century: A Comparative Analysis at Central European University, Vienna, Austria, 01/10/2020-15/01/2021
- NGO sector – chairman of the Historical Society of Kikinda, Serbia, 01/03/2016-31/08/2018
- High school teacher, Kikinda, Serbia, 01/09/2017-30/06/2018
- Elementary school teacher, Kikinda, Serbia 01/02/2013-30/06/2016

Publications:

- Milošev, Marko. *Istorija Velike Kikinde od 1918. do 1929. godine* [History of Velika Kikinda from 1918. to 1929.], Kikinda 2016.
- Tijana Rupčić, Marko Milošev, Srđan Sivčev, *Istorija Jevreja u Velikoj Kikindi* [*History of Jews in Velika Kikinda*], Kikinda: National Museum in Kikinda, 2016.
- Srđan Sivčev, Tijana Rupčić, Marko Milošev, *Nacionalne organizacije u Velikoj Kikindi of 1918 do 1941* [*Nationalist organizations in Velika Kikinda from 1918 to 1941*], Kikinda: Historical Society of Kikinda 2018.

Forthcoming:

Milošev, Marko. *Cracks in Marble: Text Mining the Habsburg Borderlands to Rethink Modernization and Imperial Boundaries*. Preparing for submission to *Slavic review*

Milošev, Marko. *Revolution or Reaction: Tracing the Radical Tendencies of Fascist Movements through Computational Text Analysis*. Preparing for submission to *Journal of Cultural Analytics*

Milošev, Marko. *Faith and Fascism in Text: A Computational Reassessment of Dimitrije Ljotić and Clerofascist Ideology*. Submitted to *Currents of History*

Software repositories:

<https://github.com/Arfalas> - Repositories of the most important open-source programs connected to Natural Language Processing, stylometry and machine learning

<https://github.com/CLSInfra-UNED/TNA-Marko> - Software repository for the classification and analysis of textual data by using transformers and Mistral AI LLM

Fellowships and Training:

01/02/2024 - 30/06/2024 Visiting Fellow, Faculty of Political, Administrative and Communication Sciences (FSPAC), Babes-Bolyai University, Cluj-Napoca, Romania

15/05/2024 - 24/05/2024 Helsinki Digital Humanities Hackathon participation

01/01/2024 - 30/01/2024 Visiting Fellow - Methods of interacting with text and extracting data, CLS Infra network, UNED Madrid

01/08/2023 - 30/09/2023 Visiting Fellow at the Institute of Contemporary History Ljubljana - OCR techniques and creating and manipulating databases by using SQL and XML, Slovenia

01/05/2023 - 15/05/2023 CLS INFRA Training School: Digging for Gold: Knowledge Extraction from Text, UNED Madrid, Spain

01/04/2022 - 30/06/2022 OSUN Visiting Fellow, Budapest, Hungary

Selected Digital History Projects:

UNED Spain (2024): NLP pipeline for classification of right-wing discourse using Mistral AI LLM and TEI-encoded corpora

Institute of Contemporary History Ljubljana (2023): OCR & corpus processing for Interwar newspapers with a Tesseract-based postprocessing pipeline; custom XML/TEI schema for historical texts

Selected conference participation:

2024 – Annual DARIAH conference, Workflows, Lisbon, Portugal

2023 – ComFas Convention: Radicalization to Violence: Paramilitarism in Fascism and the Radical Right, Vienna, Austria

2023 – Annual DARIAH conference, Cultural Heritage Data as Humanities Research Data?, Budapest, Hungary

2022 – The Right-Wing Parties and Intellectuals in Interwar South-Eastern Europe: between Conservatism and Fascism, Belgrade, Serbia

2022 – GRACEH conference, Oxford, United Kingdom


2022 – ComFas Convention: Beyond the Paranoid Style: Fascism, Radical Right and the Myth of Conspiracy, Florence, Italy

2020 – ComFas Convention: Fascism and the Radical Right: Comparison and Entanglements, Central European University, Vienna, Austria


2018 – Workshop: Material Feelings: Population Displacement and Property Transfer in Modern Europe and Beyond, University of Leipzig, Germany

2017 - CEU Summer School: Jews and Christians between the Mediterranean and the Indian Ocean: Co-existence and Conflict, Central European University, Budapest


2017 - The Cultures of Remembrance, Monuments in Former Yugoslavia, Forum ZFD, Banja Luka, Bosnia and Herzegovina


Conference organisation:

06/10/2023 - 08/10/2023 Annual ComFas Convention: Radicalization to Violence: Paramilitarism in Fascism and the Radical Right, Vienna, Austria - Organizing committee member

**Languages:**

Serbo-Croatian, English, Slovenian, Hungarian

**Digital Humanities Competencies:**

- **Languages & Libraries:** Python (NLTK, spaCy, Stanza, scikit-learn, HuggingFace), R (quanteda, tidytext, topicmodels), Julia
 - **Text & Data Processing:** OCR (Tesseract), XML, TEI, Prodigy, BeautifulSoup
 - **Data Analysis & Visualization:** Pandas, matplotlib, seaborn, Altair
 - **Web & Collaboration:** Django, Git, GitHub
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