

Viktor Martinović, BA MA

PHD STUDENT · COMPUTATIONAL EVOLUTIONARY LINGUISTICS

Nationality: Austrian, Date of Birth: 2 April 1995, Place of Birth: Vienna

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Education

PhD Computational Evolutionary Linguistics

UNIVERSITY OF VIENNA, FINNO-UGRIAN DEPARTMENT

Vienna

October 2018 - ongoing

- Thesis on automated approaches to the detection of ancient loanwords
- Training, evaluating and comparing LLMs, RNNs, and rule-based predictive models
- CLDF-standardisation, warehousing and governance of multifaceted linguistic data
- Research stays in Helsinki (2019/20), Reykjavík (2021/22), Leipzig (2022/23)

Diploma

VIENNA SCHOOL OF INTERNATIONAL STUDIES

Vienna

October 2017 - June 2018

- History, political science, and international relations
- International law and EU law
- Microeconomics and macroeconomics

MA Finno-Ugrian Studies (Ø 1.5)

UNIVERSITY OF VIENNA, FINNO-UGRIAN DEPARTMENT

Vienna

2017 - 2018

- Thesis on manual detection of Germanic loanwords in Hungarian

BA Hungarian Studies (Ø 1.6)

UNIVERSITY OF VIENNA, FINNO-UGRIAN DEPARTMENT

Vienna, Paris

2014 - 2017

- Thesis on the history of Germanic loanwords in Hungarian

Employment

MPI EVA, Department of Linguistic and Cultural Evolution

DOCTORAL RESEARCHER

Leipzig

October 2022 - November 2023

- Computationally extracting and standardising information from dictionaries
- Warehousing and governance of research data
- Development of new quantitative analysis methods

Austrian Foreign Ministry, Dpt. for Southeastern Europe

INTERN

Vienna

June 2018 - January 2019

- Documenting and analysing events in the Balkans region

University of Vienna

STUDENT ASSISTANT

Vienna

October 2017 - January 2018

Organising a conference dinner with four represented embassies

Hungarian Embassy Paris

INTERN

Paris

June - August 2016

Analysis and translation of daily events

Skills

NATURAL LANGUAGES

Native German
C2 English, Hungarian
C1 French, Croatian
B2 Finnish, Slovak
B1 Estonian, Icelandic
A1 Mari, Northern Saami

PROGRAMMING LANGUAGES

Advanced Python
Intermediate R, \LaTeX
Beginner C++

Funding

2019-2020	Finnish National Agency for Education , EDUFI Fellowship	€ 24,000
2015-2016	Austria's Agency for Education and Internationalisation , Erasmus+ Scholarship	€ 6,000
2014, 2015	University of Vienna , Merit-based Scholarships	€ 2,000

Conferences Organised

2022 **Congressus XIII Internationalis Fenno-Ugristarum**, Attracted sponsorship of €10,000
2021 **70. Studentische Tagung Sprachwissenschaft**, Core Organiser Team
2020 **Pre-Congressus XIII Internationalis Fenno-Ugristarum**, Communication
2019 **International Finno-Ugric Students' Conference XXXV**, Logistics
2018 **International Winter School of Finno-Ugric Studies (VI)**, Event management

Publications

Khuyagbaatar Batsuren, Gábor Bella, Aryaman Arora, **Viktor Martinović**, Kyle Gorman, Zdeněk Žabokrtský, Amarsanaa Ganbold, Šárka Dohnalová, Magda Ševčíková, Kateřina Pelegrinová, Fausto Giunchiglia, Ryan Cotterell, and Ekaterina Vylomova. 2022. The SIGMORPHON 2022 Shared Task on Morpheme Segmentation. In Proceedings of the 19th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology, pages 103–116, Seattle, Washington. Association for Computational Linguistics.

Martinović, Viktor. 2022. Converting Streitberg's Gothic Dictionary to a CLDF wordlist on a Windows System. Computer-Assisted Language Comparison in Practice 5(2). 11–21. <https://doi.org/10.17613/0DF3-GM47>.

Developed Software

LoanPy	A Python package for building models based on lexical data and simulating loanword adaptation and historical sound changes
Mutle	Wordle for the Mari language
copius_api	A Python interface for various IPA-transcribers