

# Viktor Martinović, BA MA

PHD STUDENT · COMPUTATIONAL EVOLUTIONARY LINGUISTICS

University of Vienna

☎ +43 681 20321322 | ✉ vik.martinovic@gmail.com | 📱 martino-vic

## Education

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### PhD Computational Evolutionary Linguistics

Vienna

UNIVERSITY OF VIENNA, FINNO-UGRIAN DEPARTMENT

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

VIENNA SCHOOL OF INTERNATIONAL STUDIES

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)

Vienna

UNIVERSITY OF VIENNA, FINNO-UGRIAN DEPARTMENT

2017 - 2018

- Thesis on manual detection of Germanic loanwords in Hungarian

### BA Hungarian Studies (Ø 1.6)

Vienna, Paris

UNIVERSITY OF VIENNA, FINNO-UGRIAN DEPARTMENT

2014 - 2017

- Thesis on the history of Germanic loanwords in Hungarian

## Employment

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### Doctoral Researcher

Leipzig

MPI EVA, DEPARTMENT OF LINGUISTIC AND CULTURAL EVOLUTION

October 2022 - November 2023

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

### Intern

Vienna

AUSTRIAN FOREIGN MINISTRY, DPT. FOR SOUTHEASTERN EUROPE

June 2018 - January 2019

- Documenting and analysing events in the Balkans region

### Student assistant

Vienna

UNIVERSITY OF VIENNA

October 2017 - January 2018

Organising a conference dinner with four represented embassies

### Intern

Paris

HUNGARIAN EMBASSY PARIS

June - August 2016

Analysis and translation of daily events

## Skills

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### 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,  $\text{\LaTeX}$   
**Beginner** C++

## Funding

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

## Conferences Organised

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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

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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

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