



IVANA MATIĆ


Phd | Python Developer | Language Researcher


Ph.D. linguist and foreign language researcher,
passionate about learning and combining languages with
programming, NLP, data analysis and machine learning

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 | <https://github.com/ivanamati>

 | [Croatian Scientific Hub Profile](#)

 | [My Web CV](#)

 | 099 742 7498

 | Zagreb, Croatia

Work Experience

Faculty of Economics & Business,
Zagreb

Lecturer of [Business Foreign Languages](#)
Mar 2019 - now

National association of professors
of the German language

[Board Member](#)
Head of the elementary school section
Oct 2016 - now

Primary School

German Language Teacher
Head of language professional asset
Jan 2014 - now

Skills

SPSS	● ● ●
Python	● ● ●
NLTK	● ○ ○
Pandas	● ● ○
Numpy	● ● ○
Command Line, Gitbash	● ● ○
SQL, SQLAlchemy	● ● ○
Tensorflow: Keras	● ● ●
Flask	● ● ○
HTML, CSS	● ● ○
Tkinter	● ● ●

Education

● 2022.-2023. Junior Python Developer

University of Algebra in Zagreb
- computational thinking, IoT, Data Science
- application development (available at [Github](#))

● 2015.-2021. PhD in Applied Linguistics

University of Zagreb
Theme: [German Language \(GFL\) Reading Anxiety in Croatian native Speakers](#)

● 2004.-2010. M.A. in German Language M.A. in Phonetics

Faculty of Philosophy, University of Zagreb

Courses

● Natural Language Processing; Codecademy

- Text Preprocessing
- Language Parsing & POS Tagging
- Language Models: Bag of Words, Term Frequency-Inverse Document Frequency, Word embeddings; Text Generation with Deep Learning: LSTM model

● Data Analysis & Science; IBM

- Data Analysis with Python
- Python for Data Science

Kaggle

- Data Cleaning

Data Carpentry

- Data Analysis in Python
- Data Visualisation in Python

● Machine Learning; Goggle

- Google Cloud: Generative AI Fundamentals
- Google Developers: Machine Learning Crash Course

Languages

Croatian

German

English

