# Caterina Bonan

## PhD in Linguistics | Junior Language scientist

🏠 Portfolio  ⊙ CaterinaBi  in LinkedIn  ✉ catherinebonan@gmail.com  📞 07983818663

## Selected experience

### AICORE | Data and AI trainee
**May 2022 – Present | London, UK**

Training in AI & Data Engineering using industry-standard tools. Working on multiple industry projects throughout.

- → Core skills: Software engineering (Git & GitHub, advanced Python, algorithms & data structures); Data engineering (SQL, data lakes, data warehousing, web scraping; Cloud Engineering (cloud computing, designing and building APIs, Docker, Apache Airflow, AWS Serverless Stack).

### UNIVERSITY OF CAMBRIDGE | Postdoctoral researcher
**September 2019 – Current | Cambridge, UK**

Postdoctoral research on comparative Romance syntax. Worked on 30+ standard and non-standard varieties throughout. Published 8 peer-reviewed research articles, 2 edited volumes and 1 research monograph. Awarded a SNSF 'PostDoc.mobility' scholarship twice.

- → Core skills: Excel for data analysis and visualisation, Python, MatPlotLib, SQL, LaTeX, Microsoft Word and Power Point.

### UNIVERSITÉ DE GENÈVE | Doctoral researcher
**September 2015 – August 2019 | Geneva, CH**

- → Core skills: Excel for data analysis and visualisation, Python, Praat, LaTeX, Microsoft Word and Power Point.

### ELSE: CONSEIL, CRÉATION, ÉDITION | Translator (IT>FR)
**March 2014 – May 2014 | Paris, FR**

Translation of book 'Grands écrivains: Les auteurs célèbres vus par de grands photographes' (Éditions du Chêne, 522 pp.; ISBN 978-2-8123-1085-0).

## Experience through projects

### CHESS ENGINE | C++
**2018**

- → Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin ullamcorper venenatis nisi at suscipit. Vestibulum vel odio in diam ultrices posuere. Cras suscipit faucibus ullamcorper.
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### SPEECH-ENABLED CHATBOT | C#, Microsoft Bot Framework
**2018**

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## Skills

### PROGRAMMING

**Intermediate:**
Python • LaTeX

**Familiar:**
Java • HTML

### LIBRARIES/FRAMEWORKS

OpenCV • TensorFlow • Selenium
PyTorch • pandas • MatPlotLib

### TOOLS/PLATFORMS

Git • GitHub • Docker • SQL

### LINGUISTICS

Syntax, Documentation, Data modelling, IPA, Praat.

## Education

### MSC IN COMPUTER SCIENCE (WITH AI)
University of York
**Nov 2021 - Present (on a leave of absence)**

### PHD IN LINGUISTICS
Université de Genève
**December 2015 - May 2019**

### MA IN SCIENCE OF LANGUAGE
Università Ca' Foscari Venezia
**October 2011 - June 2013**

### BA IN SCIENCE OF LANGUAGE
Università Ca' Foscari
**September 2008 - October 2011**

## Certificates

**(March 2022 - Present)**
Programming in Python for AI.
Udacity

**September 2022 - Present**
NLP Specialization.
DeepLearning.AI

**May 2022 - September 2022**
Python Programmer Certificate.
AiCore

**December 2015 - December 2017**
Specialisation in Linguistics (30 ECTS). Université de Genève

## Curiosities

I'm a retired pro volleyball player, and since 2015 I have attracted research funds for more than 400.000chf (about £375.000).