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

- → 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.
- → Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin ullamcorper venenatis nisi at suscipit.

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).