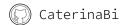
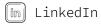
# Caterina Bonan

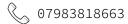
# Language scientist











#### 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

→ 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++

2010

- → 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

- → 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.

# **SKILLS**

#### **PROGRAMMING**

Intermediate:

Python • LaTeX

Familiar:

Java • HTML

#### LIBRARIES/FRAMEWORKS

 ${\sf OpenCV} \, \bullet \, {\sf TensorFlow} \, \bullet \, {\sf Selenium}$ 

PyTorch • pandas

#### TOOLS/PLATFORMS

Git • GitHub • Docker

#### **LINGUISTICS**

Syntax, Documentation, Data modelling, IPA, Praat.

# **EDUCATION**

#### UNIVERSITY OF YORK

MSC IN COMPUTER SCIENCE WITH Al Nov 2021 - Present (on a leave of absence)

#### UNIVERSITÉ DE GENÈVE

PHD IN LINGUISTICS
May 2019

# UNIVERSITÀ CA' FOSCARI

MA IN SCIENCE OF LANGUAGE
June 2013

#### UNIVERSITÀ CA' FOSCARI

BA IN SCIENCE OF LANGUAGE October 2011

#### **CERTIFICATES**

## **UDACITY**

PROGRAMMING IN PYTHON FOR Al (In progress)

#### **AICORE**

PYTHON PROGRAMMER CERTIFICATE September 2022

#### UNIVERSITÉ DE GENÈVE

CERTIFICATE OF SPECIALISATION IN LINGUISTICS

December 2017

# **CURIOSITIES**

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