



## Helena Bonaldi

**Nationality:** Italian **Date of birth:** 11/12/1996

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🌐 **Website:** <https://helenabon.github.io/>

📍 **Work:** Trento (Italy)

### EDUCATION AND TRAINING

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#### **PhD in Information Engineering and Computer Science**

*Università degli studi di Trento, Fondazione Bruno Kessler* [ 11/2021 – Current ]

City: Trento

Country: Italy

Neural Dialogue Models for fighting online hate speech

#### **Master's Degree in Data Science**

*Università degli studi di Trento* [ 09/2018 – 03/2021 ]

City: Trento

Country: Italy

#### **Erasmus+ Exchange Agreement**

*University of Helsinki* [ 08/2017 – 12/2017 ]

City: Helsinki

Country: Finland

#### **French Language and Culture B2 Certificate**

*Institut de Langue et de culture Françaises, Université Catholique de Lyon* [ 08/2016 – 09/2016 ]

City: Lyon

Country: France

#### **Bachelor's Degree in Political Science and International Relations**

*Università degli studi di Trento* [ 09/2015 – 07/2018 ]

City: Trento

Country: Italy

#### **Diploma di liceo classico**

*Liceo Ginnasio Statale "G. B. Brocchi"* [ 09/2010 – 06/2015 ]

City: Bassano del Grappa

Country: Italy

## PUBLICATIONS

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### [Human-Machine Collaboration Approaches to Build a Dialogue Dataset for Hate Speech Countering](#)

[2022]

### [Using Pre-Trained Language Models for Producing Counter Narratives Against Hate Speech: a Comparative Study](#)

[2022]

### [Human-in-the-Loop for Data Collection: a Multi-Target Counter Narrative Dataset to Fight Online Hate Speech](#)

[2021]

## CONFERENCES AND SEMINARS

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### **11th Lisbon Machine Learning School – LxMLS**

[ Instituto Superior Técnico, Lisbon (Portugal, held online), 07/2021 ]

### **Deep Learning for Natural Language Processing summer course**

[ Universidad del País Vasco, San Sebastián (Spain), 07/2022 ]

### **The 2022 Conference on Empirical Methods in Natural Language Processing**

[ Abu Dhabi (United Arab Emirates), 07/12/2022 – 11/12/2022 ]

### **Co-organization of the 1st Workshop on Counter Speech for Online Abuse - Sigdial x INLG**

[ Prague (Czech Republic), 11/09/2023 ]

Link: <https://sites.google.com/view/cs4oa>

## WORK EXPERIENCE

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### **Computer programming tutor**

*University of Trento* [ 09/2021 ]

City: Trento

Country: Italy

Teaching activity on the basics of bash and python for first year Master's students at the Center for Mind/Brain sciences.

### **Extra-Curricular Internship**

*Fondazione Bruno Kessler* [ 04/2021 – 10/2021 ]

City: Trento

Country: Italy

Refine advanced methodologies for the data collection of counter-narratives to online hate.

### **Part-time Student Collaborator**

*University of Trento* [ 09/2020 – 02/2021 ]

City: Trento

Country: Italy

Technical assistance and support to ICT activities at the Department of Information Engineering and Computer Science.

### **Thesis Internship**

*Fondazione Bruno Kessler* [ 07/2020 – 03/2021 ]

City: Trento

Country: Italy

Semi-automatic data collection of counter-narratives to online hate speech, using human-in-the-loop approaches.

## **DIGITAL SKILLS**

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Python / R / Microsoft Office / Latex / GIMP / QGIS / HTML scraping

## **LANGUAGE SKILLS**

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Mother tongue(s): **Italian**

Other language(s):

**English**

**French**

**LISTENING C1 READING C1 WRITING C1**

**LISTENING B2 READING B2 WRITING B2**

**SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1 SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## **DRIVING LICENCE**

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**Driving Licence: B**