



## Jacopo Zacchigna

**ID:** CA82880EZ

**Date of birth:** 27/06/2002

**Place of birth:** Trieste, Italy


**Nationality:** Italian

## CONTACT

 Vicolo Del Castagneto 24,  
31427 Trieste, Italy (**Home**)

 [jaczac2002@gmail.com](mailto:jaczac2002@gmail.com)

 (+39) 3922428077

 <https://github.com/Jac-Zac> (**GitHub**)

## ABOUT ME

I'm a student passionate about learning more every day. I've been fascinated by the field of AI for a while and would like to contribute and learn as much as possible.

## EDUCATION AND TRAINING

**01/09/2024 – CURRENT** Trieste, Italy

**Master's Degree in Data Science and Artificial Intelligence** Università degli Studi di Trieste

**Website** <https://degree.units.it/en/0320107313600001> | **Level in EQF** EQF level 7

**01/09/2022 – 16/07/2024** Trieste, Italy

**Bachelor in Artificial Intelligence and Data Analytics** University of Trieste

- Development of basic and advanced Machine Learning models;
- Frequentist and Bayesian statistical analysis for predictive modeling;
- Parallel and advanced programming techniques (Python, C, etc.);
- Algorithms and data structures;
- AI and math fundamentals;

**Website** <https://portale.units.it/it> | **Field of study** Artificial Intelligence and Data Analytics | **Level in EQF** EQF level 6 | **Thesis** Toward automated extraction of metadata from herbarium specimen labels

## PROJECTS

**10/06/2024 – 01/07/2024**

### BayesianFlow

This project introduces BayesianFlow, an approach for estimating pixel-wise uncertainty in generated images, extending the principles of BayesDiff, presented in the paper "BayesDiff: Estimating Pixel-wise Uncertainty in Diffusion via Bayesian Inference" to the more efficient Flow Matching generative models. Leveraging the Last Layer Laplace Approximation to quantify uncertainty during the generative process, providing nice and interpretable uncertainty maps.

## WORK EXPERIENCE

**Obloo** Trieste, Italy

**Business or Sector** Other service activities | **Website** <https://obloo.vc/>

### AI Consultant

01/05/2024 – 01/01/2025

- Designing foundational GenAI RAG systems and guiding the team
- Developing initial machine learning solutions
- Leading and mentoring a team of interns

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Italian

**Other language(s):**

English

**Listening** C1

**Reading** C1

**Writing** C1

**Spoken production** C1

**Spoken interaction** C1

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

## SKILLS

GIT version control, Linux Command | Linux (Terminal Commands, Bash/Shell)  
| Docker | C | C++ | artificial neural networks | natural language processing | machine learning | deep learning | data mining | computer vision | statistical modeling techniques | data science | Python (computer programming) | algorithms | statistics