





# Erich Robbi

Data Scientist

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## WORK EXPERIENCES

### Junior Researcher and Technologist @ DSH Unit

Fondazione Bruno Kessler, Trento • Jan 2023 - Present

### Web Developer Internship

Fondazione Bruno Kessler, Trento • Oct 2020 - Jan 2021

## EDUCATION

### Master of Science in Data Science

University of Trento • 2021 - Present

### Bachelor's degree in Interfaces and Communication Technologies

University of Trento • 2018 - 2021

## PROJECTS

### Trentino Education

Knowledge and Graph Engineering • Dec 2022

During this course, we created a Knowledge Graph that assists parents and students in locating schools in the Trentino area by city, municipality, school type, course length, instructional activity schedules, contact information, and education metrics.

### DarkrAI: a Pareto $\epsilon$ -greedy policy

Bio-inspired Artificial Intelligence course • Aug 2022

During this project we trained an agent for playing Pokémon battles starting from the classic Reinforcement Learning setup. We restricted the pool of possible next states using a Genetic Algorithm.

### Image Search Engine

Introduction to Machine Learning course • May 2022

The aim of this project was to create an image search engine, where a query image is fed to a model that would return the most similar images from a gallery.

## SKILLS

**Languages** Python, R, SQL, Javascript, C# (beginner), Java (beginner)

**Libraries** PyTorch, Numpy, Pandas, ggplot, tidymodels

**Technologies** MySQL, MongoDB, Spark (beginner), Redis (beginner), VueJS, Linux (beginner)