





# Erich Robbi

Data Scientist

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## WORK EXPERIENCES

### Web Developer Internship

Fondazione Bruno Kessler, Trento • Oct 2020 - Jan 2021

The purpose of the internship was to study and deepening techniques and tools for the design and definition of UI interfaces and user experience with the subsequent development of modern web applications.

## EDUCATION

### Master of Science in Data Science

University of Trento • 2021 - Present

- Main courses: Statistical Learning, (Introduction to ) Machine Learning, Scientific Programming, Big Data Technologies, Data Visualisation
- Current GPA: 4.0 (29.6 / 30)

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

University of Trento • 2018 - 2021

- Main courses: Human Computer Interaction, Graphic Interfaces Design, Probability and Statistics, Web Development
- GPA: 4.0 (105/110)

## PROJECTS

### 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)