

# Luca Talevi

Professional Information Engineer

I love to make people, machines and processes interact together in harmony.



## PROFESSIONAL EXPERIENCE

### Tech Lead

#### Indici Opponibili

11/2021 - Present

Digital Interactive Creativity.

Bologna, Italy

##### Achievements/Tasks

- Management and planning of the Company's IT department. Analysis of requests and drafting of formal projects as an Information Engineer.
- Responsible for all aspects of Cybersecurity and Privacy, including technical and regulatory compliance.
- I designed, managed, co-developed and deployed several major projects. Notable examples are [POOLPO](#), [UNEP - Our Rights Our Planet](#), [ROF-UI](#), [Big Sad Fall Assistants](#), [App Parola](#), [Museo Egizio di Torino - Stratigrafia](#).

Website : [www.indiciopponibili.com](http://www.indiciopponibili.com)

### Co-Founder, Scientific Director

#### Vibre

10/2017 - 06/2026

Neurotechnologies made easy for everyone.

Cesena, Italy

##### Achievements/Tasks

- **NeuroFrame**: a neuroergonomics service for monitoring fatigue and sleepiness in high-risk work environments.
- **BrainArt**: translate visitors' thoughts and emotions into abstract art, offering a unique interactive experience at trade shows and exhibitions.
- Among the customers: Edison, the Sant'Orsola and Sant'Anna Hospitals, Coopservice, an undisclosed F1 racing team, McDonald's, Ray-Ban.
- We support peer reviewed research and Open Access. [Check our work!](#)

Website : [www.vibre.io](http://www.vibre.io)

### Junior Researcher

#### Alma Mater Studiorum - University of Bologna

03/2016 - 03/2019

Cesena, Italy

Brain-Computer Interfaces (invasive & non-invasive) @ Department of Electrical, Electronic, and Information Engineering "Guglielmo Marconi" - DEI

##### Published works

- [Decodifica di intenzioni di movimento dalla corteccia parietale posteriore di macaco attraverso il paradigma Deep Learning.](#)
- [Sinc-Windowing and Multiple Correlation Coefficients Improve SSVEP Recognition Based on Canonical Correlation Analysis.](#)
- [A SSVEP BCI Based On Canonical Correlation Analysis.](#)

## EDUCATION AND CERTIFICATIONS

### Professional license of "Ingegnere dell'Informazione"

#### University of Bologna

2021

Section A, #2361, 28/07/2021

##### Related certifications

- Registration in the **National Certified List of Biomedical and Clinical Engineers** (CNI, council meeting: 7 June 2022).
- Deputy Delegate at the **C3i Committee** for the "Ordine degli Ingegneri di Ravenna" and member of the **Cybersecurity Working Group**.

### Master Degree in Biomedical Engineering

#### University of Bologna

2016 - 2019

110/110 cum laude

## SKILLS AND COMPETENCIES

Data Science

Biological Data Analysis

Brain-Computer Interfaces

Agile Methodologies

Budgeting

Project management

Machine Learning

Cloud management

Artificial Intelligence

Software Architecture and Development

Game Development

Python

JavaScript

Godot Engine

PHP Laravel

Unity

## VOLUNTEER EXPERIENCE

### Children animator, educator

#### TdG and AC

2014 - Present

### Welcoming, translation and tech support

#### DIG (formerly Premio Ilaria Alpi)

2012 - 2019

Riccione, Italy

## LANGUAGES

Italian

Native or Bilingual Proficiency

English

Full Professional Proficiency

## SUPPORTED CAUSES

Emergency

Alzheimer's Association

Wikimedia Foundation

Global Sumud Flotilla

## INTERESTS

Information Theory

Systems Thinking

Artificial Intelligence

Computer Science

Video Games

Music

Mythology