

# Susanna Ardigò

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## SELECTED EXPERIENCE

### CHIEF TECHNOLOGY OFFICER

Funghi Energia & Salute

JANUARY 2018 – PRESENT

I design, implement, test, and maintain information systems created ad-hoc for the company. I analyze, manipulate, and visualize data. I compare sales with the past and give future predictions. I automatize tedious tasks to help reduce distractions and improve focus. I represent the technological part in business meetings where I provide insights and propose new ideas.

### RESEARCH ENGINEER

Università della Svizzera Italiana

JANUARY 2021 – AUGUST 2022

I worked on a new technique of visualization that includes Software, Data, and their interactions. I implemented the novel visualization in a tool that analyzes a git repository, extracts metrics by each file, stores the data, and allows a custom-made visualization of the evolution of the information system. I have presented our findings at two conferences (ICSE and VISSOFT).

### TEACHING ASSISTANT

Università della Svizzera Italiana

SEP 2021 – AUG 2022

I worked closely with Professors to ensure the quality of the teaching. I have created, corrected, and graded assignments. I performed regular oral exams to ensure students were learning the theory and mastering the practice. I mentored students during projects, starting with the basic idea, assisting with problems, and assessing intermediate deliveries until the final submission.

## SELECTED EDUCATION

### MASTER OF SCIENCE IN ARTIFICIAL INTELLIGENCE

Università della Svizzera Italiana

SEPTEMBER 2024 - PRESENT

### MASTER OF SCIENCE IN SOFTWARE AND DATA ENGINEERING

Università della Svizzera Italiana

SEPTEMBER 2019 - JUNE 2021

### BACHELOR OF SCIENCE IN INFORMATICS

Università della Svizzera Italiana

SEPTEMBER 2015 - SEPTEMBER 2019

## PUBLICATIONS

### VISUALIZING DATA IN SOFTWARE CITIES

9th IEEE Working Conference on Software Visualization (VISSOFT 2021)

SUSANNA ARDIGÒ, CSABA NAGY, ROBERTO MINELLI, MICHELE LANZA

### M3TRICITY: VISUALIZING EVOLVING SOFTWARE & DATA CITIES

44th International Conference on Software Engineering (ICSE 2022)

SUSANNA ARDIGÒ, CSABA NAGY, ROBERTO MINELLI, MICHELE LANZA

## PERSONAL

### LOCATION

Lugano, Switzerland

### LANGUAGES

Italian: Native  
English: Bilingual  
Spanish: Proficient

### MEMBER

Mensa:  
the High IQ Society

## SKILLS

### PARADIGMS

Declarative,  
Event-Driven,  
Functional,  
Imperative,  
Object-Oriented,  
Scripting

### LANGUAGES

Bash, C, C++,  
Java, JavaScript,  
Kotlin,  $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ ,  
Matlab, Python,  
R, Scala, Smalltalk,  
Swift, Typescript

### DATA

CSV, ElasticSearch,  
JSON, MongoDB,  
Neo4j, NoSQL,  
Redis, SQL, XML

### INTERESTS

Abstraction, Analysis,  
Architecture,  
Automatizing,  
Code Readability,  
Design, Maintainability,  
Optimization, Quality,  
Refactoring, Research,  
Reverse-Engineering,  
Test, Visualization