



## Lorenzo Calisti

**Address:**

**Email address:**

**Phone number:**

**Website:**

**LinkedIn:**

**github:**

**Gender:**

**Date of birth:**

**Nationality:**

### WORK EXPERIENCE

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[ 15/09/2020 – 14/09/2021 ] **University scholarship**

*Università degli studi di Urbino "Carlo Bo"*

**City:** Urbino

**Country:** Italy

**Main activities and responsibilities:**

University scholarship at the Department of Pure and Applied Sciences (DiSPeA) in collaboration with the company Bax S.R.L and presided over by Prof. Lattanzi Emanuele entitled: "Design and development of technological platforms in the field of home automation"

[ 09/2018 ] **In company internship**

*Robert Bosch S.p.a*

**City:** Milano

**Country:** Italy

**Main activities and responsibilities:**

Support in the development of an industry 4.0-themed quiz application for IOS (IPad) used by the TEC department during internal and external staff training events.

[ 02/2018 – 10/2018 ] **University internship**

*Mec System S.R.L.*

**City:** Urbania

**Country:** Italy

**Main activities and responsibilities:**

Development of a software for monitoring the working hours of employees and the progress of orders consisting of a web interface and an API Rest Node.js.

### EDUCATION AND TRAINING

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[ 09/2020 – Current ] **Master's degree in Applied Computer Science**

*Università degli studi di Urbino "Carlo Bo"*

**Address:** Urbino (PU), Italy

[ 29/07/2015 – 26/06/2020 ] **Bachelor's Degree in Applied Computer Science**

*Università degli studi di Urbino "Carlo Bo"*

**Address:** Urbino (PU), Italy

**Final grade:** 96/110

**Thesis:** Progettazione e Sviluppo di un'applicazione per Analisi Stabilometrica tramite Smartphone

<https://play.google.com/store/apps/details?id=srl.digit.balance>

[ 2009 – 2015 ] **Scientific high school diploma**

*Istituto Omnicomprensivo "Montefeltro"*

**Address:** Sassocorvaro (PU), Italy

## LANGUAGE SKILLS

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**Mother tongue(s):** Italian

**Other language(s):**

**English**

**LISTENING** B1 **READING** B1 **WRITING** B1

**SPOKEN PRODUCTION** B1 **SPOKEN INTERACTION** B1

## DIGITAL SKILLS

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### My Digital Skills

#### Programming

Matlab | Go (Golang) | Python | Haskell | IOS Development (Swift) | Web Development (HTML, CSS, JavaScript) | Android Development (Kotlin, Java) | Node JS | Erlang | Internet of Things (IoT) | Machine Learning | SQL/NoSQL | Flutter (Dart) | C/C++ | LaTeX

#### OS

Windows | Linux | Android | IOS | Embedded Devices

#### Art

Inkspace | Adobe (Photoshop, Illustrator) | Figma

## PUBLICATIONS

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[ 2022 ]

### **Automatic Unstructured Handwashing Recognition using Smartwatch to Reduce Contact Transmission of Pathogens**

<https://ieeexplore.ieee.org/document/9852222>

**Reference:** Emanuele Lattanzi, Lorenzo Calisti, Valerio Freschi

[ 2022 ] **Smart Box IoT**

<https://zenodo.org/record/6036183#.Yqo7B-7MILJ>

**Reference:** Lorenzo Calisti, Emanuele Lattanzi

## PROJECTS

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### TS

Erlang implementation of a tuple space (linda model)

<https://github.com/Supercaly/ADCC-Project>

### Hexiwear Hand Wash

Integrated application for the Hexiwear device that uses Machine Learning to recognize handwashing and sanitation events

[https://github.com/Supercaly/hexiwear\\_hand\\_wash](https://github.com/Supercaly/hexiwear_hand_wash)

### CopperVM

Virtual Machine implemented in Go

<https://github.com/Supercaly/coppervm>

### Balance

Smartphone application developed for the thesis in Applied Informatics in agreement with DIGIT s.r.l. with the aim of allowing anyone to measure their stabilometric posture in a few seconds using the accelerometers of their smartphone.

Balance was built using Flutter and is currently published on the Google Play Store

<https://play.google.com/store/apps/details?id=srl.digit.balance>

### Tasky

Multi-platform application for managing the progress of projects within a work environment.

<https://github.com/Supercaly/ASPDM-Project>

### Petify

Application for Android devices that allows users to report their missing pets so that they can be found with the help of the community.

The application is currently published on the Google Play Store

<https://play.google.com/store/apps/details?id=com.supercaly.petify>

## HONOURS AND AWARDS

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[ 30/05/2018 ] **Learning by Doing - Regional phase Awarding institution:** Confindustria Marche

Participation in the 4th regional edition of the Learning by Doing project organized by Confindustria Marche.

[ 23/05/2018 ] **Learning by Doing - Provincial phase Awarding institution:** Confindustria Marche Nord - sede di Pesaro e Urbino

Participation and victory of the provincial edition of the Learning by Doing project for the development of the "Work Bills" theme proposed by Sinergia consulenze srl.

[ 2009 ] **National Award "Journalist for 1 day" Awarding institution:** Alboscuole

Silver plaque by the president of the republic for the 1st place national level of the "Journalist for 1 day" competition 2008/09

## **DRIVING LICENCE**

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**Motorbikes:** AM

**Cars:** B