Lorenzo Calisti

Date of birth: 09/05/1996

Nationality: Italian

Gender: Male

CONTACT

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in http://www.linkedin.com/in/lorenzo-calisti96

👤 http://www.github.com/Supercaly **(github)**

📷 https://www.instagram.com/lorenzo_calisti/

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EDUCATION AND TRAINING

2022 – CURRENT

Ph. D in Research Methods in Science and Technology Università degli studi di Urbino "Carlo Bo"

09/2020 – 22/09/2022 Urbino (PU), Italy

Master's degree in Applied Computer Science Università degli studi di Urbino "Carlo Bo"

Final grade 110/110 e lode | **Thesis** Riconoscimento del lavaggio delle mani tramite smartwatch per ridurre la trasmissione da contatto di agenti patogeni

29/07/2015 – 26/06/2020 Urbino (PU), Italy

Bachelor's Degree in Applied Computer Science Università degli studi di Urbino "Carlo Bo"

Final grade 96/110 | **Thesis** Progettazione e Sviluppo di un'applicazione per Analisi Stabilometrica tramite Smartphone

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

2009 – 2015 Sassocorvaro (PU), Italy

Scientific high school diploma Istituto Omnicomprensivo "Montefeltro"

WORK EXPERIENCE

15/09/2020 – 14/09/2021 Urbino, Italy

University scholarship Università degli studi di Urbino "Carlo Bo"

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 Milano, Italy

In company internship Robert Bosch S.p.a

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 Urbania, Italy

University internship Mec System S.R.L.

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.

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

Other language(s):

English

   Listening B1
Spoken production B1
   Reading B1
Spoken interaction B1
   Writing B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

PROGRAMMING

C/C++ | Python | Android Development (Kotlin, Java) | Matlab | Go (Golang) | Haskell | Web Development (HTML, CSS, JavaScript) | IOS Development (Swift) | Erlang | SQL/NoSQL | Flutter (Dart) | LaTex

OS

Windows | Linux | Android | IOS

ART

Inkspace | Adobe (Photoshop, Illustrator) | Figma

TECHNOLOGIES

Internet of Things (IoT) | Machine Learining | Embedded Devices

PATENTS

System and methods for estimating bacterial load in air
   Link https://www.knowledge-share.eu/en/patents/system-and-methods-for-estimating-bacterial-load-in-air

CONFERENCES AND SEMINARS

14/12/2022

Seminary Git & GitHub - Introduction to collaborative development and version control

08/05/2022

Android & Wear OS

26/09/2024

Git & GitHub - Version Control Systems and collaborative development

12/10/2023

Git & GitHub - Version Control Systems and collaborative development

06/05/2024

Android & Android Studio - Introduction to Android programming

EXAMS

Internet of Things Programming

Distributed Applications and Cloud Computing

Cyber Security

Mobile Devices Programming

Procedural and Logic Programming

Object-Oriented Programming

Operating Systems

PROJECTS

Hand Monitor

Android Wear application to monitor the user's hand-washing and hand-rubbing activities
Link https://github.com/Supercaly/handmonitor

TS

Erlang implementation of a tuple space (linda model)
Link 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
Link https://github.com/Supercaly/hexiwear_hand_wash

CopperVM

Virtual Machine implemented in Go
Link 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
Link 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.

Link 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

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

Sensorlib

Android library for real-time windowed sensor data at a fixed sampling rate

Link https://github.com/Supercaly/android-sensorlib

HONOURS AND AWARDS

30/05/2018 Confindustria Marche

Learning by Doing - Regional phase

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

23/05/2018 Confindustria Marche Nord - sede di Pesaro e Urbino

Learning by Doing - Provincial phase

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 Alboscuole

National Award "Journalist for 1 day"

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

Driving Licence: AM

Driving Licence: B