

# Lorenzo Callegari

## B.Sc in Computer Engineering Student

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### 🎓 EDUCATION

#### Turin Polytechnic University, Turin (Italy)

*B.Sc. in Computer Engineering*

SEP 2018 - JUL 2021 (expected)

Courses in **Computer Science**, **Mathematics** and **Electronics**.

#### Tongji University (同济大学), Shanghai (China)

*B.Sc. in Information Technology Engineering*

AUG 2019 - JUL 2020

**PoliTong** exchange double-degree program.

- Exchange year as winner of **PoliTong grant**.
- Less than **5%** of the B.Sc. in Computer Engineering students at Turin Polytechnic University take part in exchange programs abroad.

#### Gobetti Scientific High School, Turin (Italy)

*High School Diploma*

SEP 2013 - JUL 2018

High school with a focus on **applied sciences**.

### 🧪 LEARNING EXPERIENCE

#### Stanford University, Online

*Course "Machine Learning"*

JUL 2020 - SEP 2020 - (11 weeks)

#### School of Entrepreneurship & Innovation (SEI), Turin (Italy)

*Took part in the entrepreneurship and innovation bootcamp "SEI Inventor"*

MAR 2019 - (10 days)

#### HackConf, Sofia (Bulgaria)

*Attended conference and workshops at "HackConf 2018".*

SEP 2018

## **Google Digital Training, Online**

Course on **digital marketing fundamentals** with certification offered by Google.

MAR 2018

## **The Global Game Jam, Turin (Italy)**

Attended "**Global Game Jam 2018**", an hackathon in which in 48 hours teams have to develop a video game based around a certain theme. Development of the VR project **Astrea**.

JAN 2018

## **Climate-KIC, Turin (Italy)**

Attended hackathon "**Climathon**", an event in which teams have to find digital solutions at the service of the environment and the well-being of the citizens of Turin. Leader of the team responsible for the project **TO.Flow**.

OCT 2017

## **F.O.R.T.E.S. Association, Râmnicu Sărat (Romania)**

Took part in the **Erasmus+** project "**IT-ing My Network**", a multicultural project with the aim of developing IT and entrepreneurial knowledge of the 70 participants coming from Romania, Italy, Poland, Portugal, Macedonia, Turkey and Bulgaria.

AUG 2017

## **Event Horizon School, Turin (Italy)**

Attended "**Turin Game Jam 2014**", an hackathon in which in 48 hours teams have to develop a video game based around a certain theme. Development of the VR project **The Desk**.

JUN 2014

## **EXPERIENCE**

### **WEEEOpen, Turin (Italy) - Python Developer**

NOV 2018 - MAY 2019

Member of **WEEEOpen** team at Turin Polytechnic University

- Creation of open source Python API to interface various applications with the inventory management system used by the team.
- Code maintenance
- Management of publishing and version control process

### **Harpo Dicet, Torino (Italia) - Creatore di Contenuti**

SEP 2017 - JUN 2018

Content creator for Gobetti Scientific High School's monthly newspaper **Harpo Dicet**.

## **I.C. Marconi-Antonelli, Turin (Italy) - Student Internship**

2017

Development of software for the management of Marconi-Antonelli's school library and data entry.

## **Gobetti High School, Turin (Italy) - Open Day Instructor**

2016

Informatics instructor in various middle schools in Turin as part of the Piero Gobetti Open Day initiative. Introduced kids to the world of programming and physics using **Scratch** and experiments performed in the school's physics laboratories.

## **SKILLS**

### **Programming Languages**

**Most used:** Python

**Good knowledge:** C, HTML, MIPS Assembly, Matlab, PHP, SQL

**Basic:** Dart, Javascript, Java, CSS, C++, Kotlin, VB.NET

### **Other Skills**

**Tools and frameworks:** Flutter, Git, Selenium WebDriver, Tkinter

**Operating systems:** Ubuntu (*Linux*), Windows

## **PERSONAL PROJECTS**

### **Qianalytics - 2019**

Qianalytics is an Android Flutter application which helps in managing finances in China.

### **Goloso - 2019**

Goloso is a platform which enables direct communication between restaurants and local producers. Developed during the "**SEI Inventor**" bootcamp.

### **Romance Breaker GUI - 2019**

VB.NET graphical user interface for the Python project *Romance Breaker*.

### **Romance Breaker - 2019**

Python application which automatically sends a 'good morning' message (from a custom messages list) to your significant other in a set period of time. Supports Messenger, Telegram, WhatsApp and SMS.

### **Christmas Spirit Breaker - 2019**

Python application which automatically sends a random message from a custom messages list to a list of contacts on Christmas / New Year's. Supports Messenger, Telegram, WhatsApp and SMS.

### **Pytarallo - 2018/2019**

Python 3 API which manages the communication between inventory system and programs developed by the WEEEOpen team.

### **Europe from a Wagon - 2018**

Creation of mini documentary on sustainable mobility in the alpine region through the participation in the Yoalin project by Cipra International. This project was made possible thanks to crowdfunding.

### **Astrea - 2018**

VR experience for HTC Vive developed in Unreal Engine during Global Game Jam 2018 in Turin.

### **TO.Flow - Helping Turin's natural flow - 2017**

Project developed during Climathon 2017 in Turin. To flow is a platform which enables Turin's citizens to help the environment and live healthier lives through enhancement of everyday transportation.

### **Clash of Gem - 2014**

Debian package for jailbroken iOS devices to connect to the biggest Clash of Clans modded server. More than 120.000 downloads.

### **The Desk - 2014**

The desk is a Unity game developed during Turin Game Jam 2014: in the game you play as a freelance developer who has to manage his career, upgrade PC parts, accept contracts and much more.

## **LANGUAGES**

- **Italian:** Native
- **English:** C2 (*July 2017 CAE 199/210*)
- **Chinese:** A2

## **AWARDS**

### **PoliTong Project scholarship**

Awarded to **11** of the students that participated in the selection. Full scholarship for one-year exchange at Tongji University in Shanghai.

***"A day in Tongji"VLOG competition winner***

Third place in the *"A day in Tongji"* competition organized by  
*Tongji International Students Office.*

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Italian Legislative Decree 196/2003 and art. 13 GDPR 679/16.