



# Simone Traversi

## Software Developer & Industrial automation trainer

Born in Turin in 1999, I was drawn to the world of technology from a young age, with a particular interest in computer science and automation.

During high school I studied in deep the world of **3D modeling, 3D printing and industrial automation**.

I had the opportunity to teach robotic automation in high schools for years. After **graduating in ICT**, I specialized in the development of both **native and web apps**.

In addition to my work in robotics and technology, I have always been involved in social work, including **volunteering** activities at the GO oratory (Grugliasco, TO).

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### Socials

Instagram  
[@simonetraversi\\_](https://www.instagram.com/@simonetraversi_)

LinkedIn  
[@Simone Traversi](https://www.linkedin.com/in/Simone-Traversi)

GitHub  
[@simoTra](https://github.com/simoTra)

### Languages

Italian  
Native

English  
Professional working

## Working Experience

- June 2023 - Present  
Industrial Automation Trainer  
 **Sanoma - Fanuc**
- Apr 2023 - June 2023  Turin  
Industrial Automation Trainer  
**IFTS**
- Feb 2022 - Present  Turin  
Software Developer  
**Makr Shakr**
- 2021 - 2021  Turin  
Industrial Automation Trainer  
**IIS Galilei Ferrari**
- 2018 - June 2023  Turin  
Industrial Automation Trainer  
**Pearson - Comau**

Held an **advanced training program** in industrial automation focused on **robotic systems**. Tasks include precise manual handling, programming, and configuring robots, simulating motion programs with RoboGuide, and optimizing cycle times for efficiency.

Led a 3-month **industrial robotics training**, helping students progress from **basic knowledge** to **internationally recognized certification**. Facilitated hands-on robot handling, taught advanced programming, created real-world simulations, and supervised practical exercises to prepare for exams.

Developed several **Flutter** kiosk app deployed globally across Makr Shakr venues and a **React** web app with a Strapi backend for an international architecture studio. Contributed to internal applications for integrating with the robotic bar system, **supported 3D rapid prototyping**, and traveled for on-site installations, leveraging **expertise in system integration**. Also developed custom APIs, implemented MQTT communication for IoT, and containerized applications using Docker for scalability.

Led 'Robotica 101', an **introductory robotics masterclass** for high school students, covering robot types, mechanisms, and **programming techniques**. Engaged students through theoretical explanations and hands-on programming exercises.

Trained and evaluated 500+ high school students on industrial robotics in collaboration with Pearson and Comau. Covered fieldbus communication, robotics programming, and conducted interactive sessions using e.DO robots to enhance learning.

## Education



IIS Galilei Ferrari

Perito meccatronico - energetico

2013 - 2018 93/100



Università degli studi di Torino

Computer science department

2018 - 2019



School of Entrepreneurship & Innovation

Prototyping Bootcamp

Jun 2020



Università degli studi di Torino

Innovation and Communication Technology Degree

2019 - 2022 104/110

## Professional Skills

### Development

- ReactJS
- NestJS
- TailwindJS
- HTML - CSS
- TypeScript
- MongoDB
- SQL
- IT systems

Custom API Integratoin

- Flutter
- Java

Docker & Virtualization

### Robotics & Prototyping

Comau PDL2 Kuka KRL Fanuc TP

- SolidWorks
- Fusion 360
- Cad&Cam

FDM & Resin 3D Printing

Teaching & Examination

Arduino & Raspberry for IoT

## Latest Personal Project



**st\_keeb**

Handwired keyboard, fully designed, manufactured and programmed from scratch



[Blog Link](#)



**Ex Personal Site**

Portfolio site built with Nextjs, Tailwind and Sanity as BE



[GitHub Link](#)



**st\_homeLab**

Personal server build on a Zimaboard and TrueNas, used as Nas and Docker orchestrator



[Blog Link](#)