



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
[@SimoneTraversi](https://www.linkedin.com/in/SimoneTraversi)



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 Shkr
- 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 Shkr 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



Univeristà degli studi di Torino

Computer science department
2018 - 2019



School of Entrepreneurship & Innovation

Prototyping Bootcamp
Jun 2020



Univeristà 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

Teaching
&
Examination

- SolidWorks
- Fusion 360
- Cad&Cam

FDM & Resin
3D Printing

Arduino &
Raspberry
for IoT

Latest Personal Project

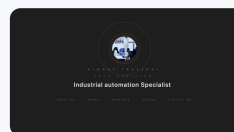


st_keeb

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](#)