

SIMONE TORINO

Roma (RM) | +39 366 5405172 | simone.torino.12@gmail.com | 14/05/1999



EDUCATION

Politecnico di Torino: *MSc Electronic Engineering*

Turin: 2022 - Present

Electronics for industrial applications

Politecnico di Torino: *BSc Electronic Engineering*

Turin: 2018 - 2022

Liceo Nomentano: *Scientific High School*

Rome: 2013 - 2018

PROFESSIONAL EXPERIENCE

Team Isaac at PoliTo: *Electronic Designer*

Turin: Nov 2022 - Present

- Responsible for the **design of circuit schematics** and purchase of **custom PCBs** for the **robot prototype** with the aim to reduce size and add features.
- Conducted **firmware development** and **microcontroller programming** for sensor integration with ESP32 and Raspberry Pi platforms.
- Currently **responsible for the Embedded Systems area** of the Team, managing a team of seven to deliver the next version of the robot.
- Team website: teamisaac.it

Politecnico di Torino: *Teaching Collaborator*

Turin: Apr 2023 - Jun 2023

- Worked in a team of three to support teachers and PhD students during **orientation courses for Electronics Engineering** aimed at students in the last three years of upper secondary school.
- Updated and tested the team's main library of Arduino codes and projects used by the students during the lessons to practically learn electronics basic knowledge.
- Formulated innovative approaches to make the subject more appealing to young students, by exploiting available electronic material and components to tell a story about possible applications of the projects in the everyday life.

INRiM (Istituto Nazionale di Ricerca Metrologica): *Electronic Engineering Intern*

Turin: Nov 2020 - May 2021

- Conducted research on **temperature measurement through the speed of sound** and law of Cramer.
- Successfully implemented a new **LabView** configuration of the temperature measurement system with more advanced components and faster code execution. Evaluated improvements through **data analysis**.
- Worked at direct contact with experienced metrologists, technologists and experimental physicists
- Attended specific training on **workplace safety**, with major focus on electronics laboratory dangers and risks.
- Link to the research: iris.inrim.it/handle/11696/30447

SKILLS & INTERESTS

- **Languages:** Italian (native), English (B2, FCE)
- **Volunteering:** Directed first year of service of the **empathic listening program** at “Dialogue, Explore, Bond”, student association for improving mental health of people attending university. dialogueexplorebond.it
- Driving license