



**Daniele  
Francescone**

**CONTACT**

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**WORK EXPERIENCE**

**01/07/2019 – 30/11/2019** – Villigen, Switzerland

**Summer student**

Paul Scherrer Institute

Experience as a summer student that allowed me to work on particle accelerators, taking part in a project that aimed to upgrade the SLS synchrotron. My job involved working on beam dynamics and radio frequency system

**EDUCATION AND TRAINING**

**10/10/2017 – 30/07/2021**

**Master in Nanotechnology Engineering**

Sapienza University of Rome

**2012 – 2017**

**Bachelor degree in Electronics Engineering**

Sapienza, University of Rome

**2006 – 2011**

**High School graduation**

Cardano technical student

**01/11/2021 – CURRENT**

**PhD in particle accelerators physics**

Sapienza

**LANGUAGE SKILLS**

**MOTHER TONGUE(S):** Italian

**OTHER LANGUAGE(S):**

**English**

<b>Listening</b> B1	<b>Reading</b> B1	<b>Spoken production</b> B1	<b>Spoken interaction</b> B1	<b>Writing</b> B1
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**Spanish**

<b>Listening</b> B2	<b>Reading</b> B2	<b>Spoken production</b> B1	<b>Spoken interaction</b> B1	<b>Writing</b> A1
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**DIGITAL SKILLS**

CST Microwave Studio / Programmin language MATLAB / labVIEW  
Altium Design / OrCAD PSpice / Astra / Basic knowledge of  
programming languages C fortran python / Atomistic Simulations using  
LAMMPS / In Molecular Dynamics simulations, experience with LAMMPS,  
VMD, Moltemplate, Packmol / OpenFOAM (Basic Knowledge)

## DRIVING LICENCE

● **Driving Licence:** B

## PROJECTS

2016 - 2017

● **Sapienza corse**

I worked with the department of the university that designs a race car, in order to participate in the international competition FORMULA SAE