



Pietro Zaccagnini
pietro.zaccagnini@
iit.it
pietro.zaccagnini@
polito.it
(+39) 320-4675037

Address
12 Corso IV Novembre
Turin, Piedmont
Italy

Pietro Zaccagnini

Electronic Engineer

About Me Born in Rome on 16th of September 1992, attended his technical studies in electronics and telecommunications in his home town. Moved in Turin in 2015 to follow his carrier in the nanotechnology engineering field. Has developed attention towards the energy harvesting field and combining it with his interests in electronic devices has begun his studies in electrochemistry.

Education

2017 - present, Italian Institute of Technology (IIT) - Polytechnic of Turin

Ph.D in Material Science

2015 - 2017, Polytechnic of Turin

Nanotechnologies for ICT - 106/110

2011 - 2015, University of RomaTre

Electronic Engineering - 105/110

2006 - 2011, Technical Institute Giuseppe Armellini

Electronics and Telecommunications - 97/100

Experience

Nov 2017 - present, Ph.D, IIT@POLITO

Started a research activity on electrochemical energy storage and electrochemical devices for harsh environment applications.

Jun 2018, Summer School, University of Southampton

Instrumental Methods in Electrochemistry

Sep 2017 - Oct 2017, Research Fellow, Polytechnic of Turin

Continued the Master Thesis activity extending in the field of high pressure application.

Nov 2016 - Jul 2017, Master Thesis, Polytechnic of Turin

Realisation and characterisation of Supercapacitors for high temperature applications. The activity was carried out in Polytechnic laboratories, Turin.

Nov 2016 - Mar 2017, Stagist, Pegaso s.r.l

Programming and hardware test of Electronic Controlling Units for automotive applications.

Nov 2016 - Jul 2017, Bachelor Thesis, CNR-IMM Tor Vergata

Realisation and characterisation of Poly-Silicon MOSFETs on Polyimide in Thin Film technology with Schottky junctions. The activity was carried out at the CNR Institute for Microelectronics and Microsystems, Tor Vergata, Rome.

Communication Skills

Good communication and adaptive skills in multicultural contexts acquired during my studies.



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Software Skills

Programming

- C
- Wolfram
- MATLAB
- LaTeX

Computer Software

- NI-AWR
- Origin
- Office
- LTSpice
- Nova
- COMSOL
- Mathematica
- KiCAD
- KaleidaGraph

Interests

Professional

Electronic Devices, Electrochemistry, Energy Harvesting, Energy Storage, Sensors, Semiconductors, Materials

Personal

Hiking, Mountaineering, Music