

# Matteo Scanzano

## Electrical Engineer

Born in 1996, Rome

Email

[matteo.scanzano@uniroma1.it](mailto:matteo.scanzano@uniroma1.it)

## EXPERIENCE

### PhD Student

Sapienza University of Rome

November 2020 - Now

Winner of “Engineering and Applied Science for Energy and Industry” PhD scholarship, funded by Magaldi Power S.p.A.

Topic: integration in power grids of an innovative thermal energy storage system based on sand: MGTES (Magaldi Green Thermal Energy Storage).

## EDUCATION

### Master Degree in Electrical Engineering

Sapienza University of Rome

October 2020 - October 2018

Final mark: 110/110 con lode (full marks with honors)

Thesis: Development of a simulation software of DC railways systems, written in Python

### Bachelor’s Degree in Electrical Engineering

Sapienza University of Rome

October 2015 - October 2018

Final mark: 110/110 con lode (full marks with honors)

Thesis: Development of a microcontroller-based automatic instrument for impedance characterization in frequency domain

## LANGUAGES

English - B2 (Cambridge FCE)

Italian - native

## PROGRAMMING

### LANGUAGES

Object-oriented: Python, C#

Imperative: C, BASIC

Web: PHP, Javascript, SQL

Shell: bash, cmd

## SOFTWARES

Microsoft Office

Matlab, Simulink

NanoCAD (2D)

Autodesk EAGLE

## HOBBIES

Acrylic and oil painting

Music synthesizers

Guitar and bass

Djembe (african drums)