

# Resume

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Education

## Physics, Tor Vergata (Rome) - 2007

(Drop out)

I started to study Physics fascinated about the ideas of Quantum Mechanics. What I realized during that period is that when you get it you lose it, literally: it's the electron's way of life. Then I decided to quit university, always continuing to learn on my own. One day I want to understand deeply quantum computers.

## Computer science, 42 (Paris) - 2017

(Drop in)

I decided to enter in this non-conventional school mainly because I like the idea of a p2p learning environment where each person can learn and improve his own skills at his own pace. No teachers, no classes, only code-projects. I will attend the Piscine in july, 2017.

# Projects

## Teaching math and physics - 2010

I started to teach math and physics, mainly for university and high school students, privately. I covered Algebra, Calculus, Geometry and Mechanics for group students (1-10). One of the most useful platform that I am still using is Khan Academy. I like helping people to find a good strategy to solve and understand a problem.

## Repair Tech - 2012

I started to diagnose computers from hardware to software, cleaning components, increasing hardware performance, recovering data from corrupted partitions, fixing or changing operating system. It's also a personal goal to let to understand people why open source is always a better choice for personal or job tasks. I collected a strong experience in setup desktop environment for several kind of processor. Mainly x86 and arm architecture. It's always a joy boot up a new machine.

## **Open School (Matera) - 2015**

Born in agreement with municipality of Matera and several first grade schools, this project was developed to restore 6 unused computer labs, starting from repairing and reconditioning hardware up to build a custom operating system for educational purposes, based on Xubuntu (LTS version). The end of the project was reached teaching how to use it.



## MOSA - 2015

Educational project developed, in collaboration with Arch. Arcangelo D'Alessandro, to reach a stable pipeline for visual artists, mainly designers and architects, entirely made with open source softwares. My main goal was to develop a custom distro for that purpose. During this period I mainly discovered the full potential of Blender, Inkscape, Krita, Natron.

## **SINGINFLOWER - 2016**

Educational project under development, in collaboration with Karin Kempf. The project is designed to tell the animation principles and techniques to the future classes of animators. My main goal is to develop and maintain the website. I decided to use Github and Gitlab pages for a better developing experience.

Teaching

## Hacking school (Matera) - 2015

A cycle of 10 lessons, in agreement with a secondary school, to teach the elements of computer hardware, the principles of programming and start to thinking like an hacker. All the school made it. (About 150 kids)

Teaching to the kids it was a really awesome experience. It was huge to see kids flashing bios and boot new operating system.

## **Linux Entry Level (Matera) - 2015**

A cycle of 5 lessons, in agreement with “Le Monacelle” Foundation, designed to get a novice inside the rabbit hole. It was funny to tell the story of the Open Source and move forward through the first elements of Bash scripting at the end.

People are amazing when learn something new.

# Groups

## Matera LUG - 2015

This was my first experience in a Linux User Group as an active member. I joined the local community for 1 year. It was pretty awesome and the main goal was to start from the schools with educational projects.

Unfortunately this process was stopped after the end of the projects because the institutions don't understand well the goodness inside.

## Monachers (Matera) - 2015

I joined this local group for 1 year. The main goal was to build an hackerspace. I collected a good experience in Trashware and Distributed Version Control System like git.

Here is where I've seen a good example of innovation for my hometown, but the time was not yet ripe for this.



## **NinuxBas (Matera) - 2015**

I joined this local group for 1 year. The main goal was to build a wireless mesh network. We have build up 3 nodes.

Here is where I collected a little experience in networking with OpenWRT and Kali.

## Open LAB (Matera) - 2015

I joined this local group for 1 year. The main goal was to build a FabLab. I collected a good experience with ARM processor, tinkering with RaspberryPi.

Here is where I met a french engineer (Marc Schneider) that made me discover Arch-based distros and the goodness inside a rolling release. The group is still active and I'm really proud of them.

Skills

## Desktop Administration (Evil)

- [+] Windows (Each kind of version)
- [+] Mac (Each kind of version)
- [+] FreeBSD (I've tried once but I don't like it)

I know in a good way the UNIX environment. I believe that Satya Nadella could bring the good inside a “Quick and Dirty” firm.

## Linux Administration (Good) - Desktop

- [+] Arch (Love it)
- [+] Debian
- [+] RedHat (Love it)
- [+] Slackware

I can understand and use any kind of distro based on Linux. **RTFM** is always a mantra for me.

I am studying to get a **RHCSA** certification.

## Linux Administration (Good) - Server

[+] RPM

[+] AUR

I have a good knowledge of these 2 package manager but at the time I managed only a Debian server.

I am interested in become a DevOps, but I could change my idea like an electron.

## Markup languages

- [+] HTML
- [+] CSS
- [+] XML
- [+] Markdown

I know in a good way Github page, Gitlab page and Jekyll to build and maintain static web pages.

## Programming languages

- [+] Bash (Good knowledge)
- [+] C (Good knowledge)
- [+] Python (Quite good knowledge)
- [+] Javascript (Basic knowledge. I don't like it)
- [+] Ruby (Basic knowledge)

I love shell scripting automation and also compiled program. I am also interested in discovering Go language.



## Protocols

- [+] HTTPS
- [+] GIT (Good knowledge)
- [+] FTP (Quite good knowledge)
- [+] SSH (Good knowledge)

Where there is a shell there is always a way.

## Cryptography

- [+] MD5
- [+] SHA-1
- [+] SHA-2
- [+] PGP

I'm really interested in computer security.

## Learning platform

- [+] Codecademy
- [+] Codeschool
- [+] Learn enough
- [+] Khan Academy

Here is where I started to learn and improve my coding skills in a finalized way.

## Tools

- [+] Atom
- [+] Vim
- [+] Zsh

I really enjoy the time spent in this way.

## Personal attitude

- [+] Agile
- [+] Problem solving
- [+] Project/Time management
- [+] Team working

Interests

- [+] Books (I love eating them)
- [+] Chess
- [+] Climbing
- [+] Place hacking
- [+] Sketching (Anything)

“The one who takes care of himself, takes care of the other and the one who takes care of others, takes care of himself.”

Indian adage

The last version of this resume was pushed on 2017, 25th of january.