Matteo Savatteri
Curriculum Vitae

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github.com/savaroskij
Date of birth: 1994-11-02

Education

2017–2021 **Master's Degree in Physics**, *Università degli studi di Milano*, 110/110 *cum laude*.
Focused on astrophysics, experimental and computational study of radio signals.

2013–2016 **Bachelor's Degree in Physics**, *Università degli studi di Milano*, 109/110.
Strong background in mathematics, physics and abstract reasoning.

2008–2013 **Scientific High School**, *Collegio Arcivescovile Castelli*, Saronno (VA), 94/100.

Masters Thesis (2021-07-06)

Title *Atmospheric Effects in Ground-Based Observations of the Cosmic Microwave Background*

Description Development of a code to simulate atmospheric effects above the "Observatorio del Teide" in Tenerife. The code was developed to permit parallel execution (MPI) on a HPC cluster using a container solution (Singularity).

Bachelor Thesis (2016-10-17)

Title *Ruolo dell'Effetto Tunnel Anelastico dell'Elettrone nella Percezione Olfattiva*

Description Theoretical study of the role of electrons in olfactory perception.

Experience

Work Experience

2018–2019 **System Administrator**, *LCM Computational Laboratory*, UNIMI.
Software and hardware management of the Debian GNU/Linux computational farm funded by the high energy physics group at the "Aldo Pontremoli" physics department. Software and hardware management of the Debian/CentOS GNU/Linux computer cluster of the LCM computational laboratory for didactical use. Organization of the IT help desk for students.

2013–present **Private Tutor**, Saronno (VA) and neighbourhood.
Private lessons in mathematics and physics for high school students.

Other Activities

2011–2019 **Volunteer Educator**, *Oratorio S.S. Pietro e Paolo*, Saronno (VA).
Support figure providing ethical guidance to secondary and high school students.

2018–present	**Volunteer at IT Help Desk**, *LCM Computational Laboratory*, UNIMI.
	Technical support in my spare time to physics students having problems related to the GNU/Linux, MS Windows and MacOS operating systems or computer hardware issues. Guide to new workers at the laboratory as ex-staff member.

Computer skills

Operating Systems	GNU/Linux (advanced), OpenBSD (advanced), Microsoft Windows 10 (intermediate), FreeBSD (basic).
Programming/ Markup Languages	`sh` and `bash` (advanced), `awk` (basic), C/C++ (intermediate), .NET framework (C#) (basic), Python (intermediate), LATEX (advanced), HTML (intermediate), `markdown`, `javascript` (basic), `x86_64 Assembler (AT&T)` (basic).
Certifications	ECDL (2012)

Some experience with networks and network equipment (switches, hubs, routers, firewalls, NAS).

Some experience with computer hardware maintenance.

Communication and Social Skills

Conferences/Workshops at UNIMI, "Aldo Pontremoli" physics department:

2021	"OpenLab Virtuale: CLI Essentials & Shell Programming"
2021	"OpenLab Virtuale: GNU/Linux intro, tips and tricks"
2019	"Free Software & Code Digging"
2009–2010	Students representative at "Collegio Arcivescovile Castelli", Saronno

Languages

Italian	**Mothertongue**	
English	**Intermediate**	*B2 Level*
Spanish	**Basic**	*B1 Level*

Interests

- Tech & Computers
- Hiking

- Singing
- Anime

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