

ANTONIO TUTONE, PH.D.

Astrophysicist and Geek

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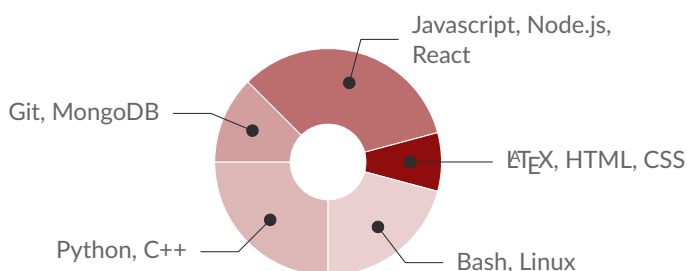
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MY LIFE PHILOSOPHY

"If you walk staring at your feet, you will never fall but you won't know where you going. If you look ahead, you may fall but you'll know where you are heading."

LANGUAGES AND TOOLS



EXPERIENCE

Postdoctoral Researcher

INAF - Istituto Nazionale di Astrofisica

- March 2022 – present Rome, Italy - La Palma, Spain
- Follow LST1 operation at Observatorio del Roque de los Muchachos, La Palma, Canary Islands, Spain and pass the know-how to telescope operators
 - Joining and assisting expert teams on-site and remotely
 - Supervise maintenance activities of the LSTs
 - Documentation of maintenance activities

Coding Bootcamp - Front-end developer

EDGEMONY SRL

- February 2022 – March 2022 Palermo, Italy
- Team project
 - Creation of a chat platform using React and Firebase Realtime Database

MAGIC shift P226

Roque de Los Muchachos

- March 2021 – April 2021 La Palma, Spain
- Telescope Operator during MAGIC data taking in La Palma

Visiting student

Commissariat à l'énergie atomique et aux énergies alternatives (CEA)

- November 2019 – January 2020 Saclay, France

MOST PROUD OF



Lecturer

More than 5 contributed talks in 3 years



Persistence

I showed despite the hard moments during Covid lockdown



Personal Growth

Learned more than 5 coding languages in 3 years



High Performance Computing

Principal Investigator of a Class C Project approved for allocation of computational resources at international supercomputing centers (CINECA, Italy).

LANGUAGES

Italian ● ● ● ● ●

English ● ● ● ● ●

Spanish ● ● ● ● ●

EDUCATION

Web Development, Machine Learning and Data Science

Udemy

June – August 2022

- The Complete 2022 Web Development Bootcamp
- Machine learning and Data science in Python

Coding Bootcamp - Front-end developer

EDGEMONY SRL

October 2021 – March 2022

- HTML, CSS

- Visiting student at the Commissariat à l'énergie atomique et aux énergies alternatives (CEA) institute under the guidance of Dr F. Acero and Dr J. Ballet.

University Tutor

Università degli studi di Palermo

📅 November 2017 – June 2018 📍 Palermo, Italy

- Teaching
- Tutoring activities

Part time employee

Università degli studi di Palermo

📅 May 2016 – February 2017 📍 Palermo, Italy

- Assistance at the administrative offices at the Research and Development Area.

- Javascript, React
- git

Ph.D. in Physics

INAF/IASF Palermo

📅 November 2018 – October 2021

Thesis title: Study on Supernova Remnants evolution and their gamma-ray emission

M.Sc. in Physics

Università degli studi di Palermo

📅 2016 – 2018

B.Sc. in Physics

Università degli studi di Palermo

📅 2013 – 2016

PUBLICATIONS

📄 Journal Articles

- **Tutone, A.**, Ballet, J., Acero, F., D'Ai, A., & Cusumano, G. (2021). Multiple accelerated particle populations in the Cygnus Loop with *Fermi*-LAT. *Astronomy & Astrophysics*.
- **Tutone, A.**, Orlando, S., Miceli, M., Ustamujic, S., Ono, M., Nagataki, S., ... Bocchino, F. (2020). Three-dimensional modeling from the onset of the SN to the full-fledged SNR. Role of an initial ejecta anisotropy on matter mixing. *Astronomy & Astrophysics*.

See more on ORCID.

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