DR. NICOLO' BRANDIZZI

PhD student at Sapienza university of Rome.
Researching Reinforcement Learning application tied to Language Emergence

"Follow the gradient"

CONTACTS

- ✉ brandizzi@diag.uniroma1.it
- 📍 Rome, Italy
- 🏠 nicofirst1.github.io
- 🐙 @nicofirst1
- in Nicolò Brandizzi

SKILLS

Programming

Python	●●●●●
Bash	●●●●○
LaTeX	●●●●○
Matlab	●●●○○
C++	●●●○○
HTML/CSS	●●○○○

Frameworks

Numpy	●●●●○
Pytorch	●●●●○
Tensorflow	●●●○○
OpenCV	●●●○○

Operating Systems

MacOS	●●●●●
Linux	●●●●○
Windows	●●○○○

Languages

Italian	●●●●●
English	●●●●●
Spanish	●●●○○

🎓 EDUCATION

📅 2015 - 2017   📍 Sapienza University of Rome, Italy

B.Sc. of Computer and Autonomous System Engineering

- ○ **GPA**: 2.97/4 (101/110)
- ○ **B.Sc. Thesis**: "Comparison Between Segmentation Methods", under supervision of Prof. Luigi Freda.
- ○ **Internship at Alcor Lab**: under supervision of Prof. Fiora Pirri.

📅 2018 - 2020   📍 Sapienza University of Rome, Italy

M.Sc. of Engineering in Artificial Intelligence and Robotics

- ○ **GPA**: 4/4 (110/110)
- ○ **M.Sc. Thesis**: "Reinforcement Lupus: Cooperation through emergent communication in The Werewolf social deduction game", under supervision of Prof. Luca Iocchi.
- ○ **10 months Erasmus**: University of Groningen, Netherlands.

📅 2020 - Ongoing   📍 Sapienza University of Rome, Italy

Ph.D. in Artificial Intelligence

- ○ **Teaching Assistant**: for *Tecniche di Programmazione* (Computer science).

🚩 ACHIEVEMENTS, HONOURS AND AWARDS

- 🏆 Firts classified for Ph.D. scholarship at Sapienza University of Rome, Italy.
- 🏆 Spotlight paper in Adaptive and Learning Agents Workshop [ALA21] at AAMAS.

⚙ RESEARCH INTERESTS

Deep Reinforcement Learning [DRL]

Deep Neural Networks [DNN]

Vision model   Emergent Communication [Emcomm]

Natural Language Processing [NLP]

⇄ EXPERIENCES

📅 2021   📍 Rotaract Club RTMM, Rome, Italy

Digital Coordinator

📅 2021   📍 Rome, Italy

Erasmus Student Network [ESN] volunteer

📅 2017 – 2018   📍 Rotaract Club RTMM, Rome, Italy

President of the Internal Commission

📅 2017 – 2018   📍 Sapienza University, Rome, Italy

Internship at Alcor Lab

- Worked on the European research project TRADR.
- Took part in the last review meet in Mestre, Italy.

📅 2014   📍 California, San Francisco

Summer school camp

📅 2013   📍 California, Santa Barbara

Summer school camp at UCSB

📅 2012   📍 California, Los Angeles

Summer school camp at UCLA