DR. NICOLO' BRANDIZZI

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

"Follow the gradient"

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📍

SKILLS

Programming

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

Frameworks

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

Operating Systems

MacOS	●●●●●
Linux	●●●●○
Windows	●●●○○

Languages

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

🎓 EDUCATION

📅 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. Engineering in Computer Science

- **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.

🏛 ACADEMIC CAREER

Teaching Assistant

❯ *2020/2021* - Tecniche di Programmazione

Supervised Master Students

❯ *Francesco Frattolillo*: Adaptive Playing and Opponent Modeling in Competitive Games

⚙ RESEARCH INTERESTS

Deep Reinforcement Learning [DRL]

Deep Neural Networks [DNN]

Vision model   Emergent Communication [Emcomm]

Natural Language Processing [NLP]

⇄ EXPERIENCES

📅 2021- Ongoing   📍 Rome, Italy

Erasmus Student Network [ESN] partner

I helped with the overall organization events as well as connecting with incoming Erasmus students.

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

President of the Internal Commission

During this 12 months period I was responsible for the internal coordination between members and the organization of social events.

📅 2017 – 2018   📍 Sapienza University, Rome, Italy

Internship at Alcor Lab

- Worked for 5 months as an inter on the European research project TRADR.
- Took part in the last review meet in Mestre, Italy.

📅 2014   📍 California, San Francisco

Summer school camp

I attended an English course for the duration of 3 months.

📅 2013   📍 California, Santa Barbara

Summer school camp at UCSB

I followed college classes for 3 months.

📅 2012   📍 California, Los Angeles

Summer school camp at UCLA

I followed college classes for 3 months.