

EMILIAN POSTOLACHE

PHD STUDENT IN
COMPUTER SCIENCE

PROFILE

I am a PhD student working on geometric deep learning applied to 3D data and generative models. I love mathematical ideas and abstract reasoning, but on the other hand I have good and well-founded programming skills.

SKILLS

- Preferred language: Python
- Other languages: Java, C, MATLAB
- Linux
- Git
- SQL
- Deep learning tools: PyTorch (+Geometric), Lightning, Hydra, W&B, some Tensorflow 2
- Know how to build full fledged Android apps (MVVM, Room, Retrofit)

EXPERIENCE

GRADUATE STUDENT RESEARCHER

SAPIENZA UNIVERSITY OF ROME | JUN 2019 - JUN 2020

- Research activity in geometry processing in the Specgeo (Spectral geometric methods in practice) ERC project.

SOFTWARE DEVELOPER

BABELSCAPE | JUN 2018 - AUG 2018

- Ported BabelNet, a very large multilingual semantic network, from Java 8 to Python 3.6.

EDUCATION

PHD IN COMPUTER SCIENCE

SAPIENZA UNIVERSITY OF ROME | 2020 - 2023

- Member of GLADIA (Geometric Learning and Artificial Deep Intelligent Applications) research team, led by Prof. Emanuele Rodolà.
- Research in geometric deep learning and generative models.

MASTER DEGREE IN AI & ROBOTICS

SAPIENZA UNIVERSITY OF ROME | 2020

- Final mark: 110 cum laude / 110.
- Thesis title: "A parametric analysis of discrete Hamiltonian functional maps".
- Paper based on the thesis accepted at the Eurographics Symposium on Geometry Processing (2020).

BACHELOR DEGREE IN COMPUTER SCIENCE

SAPIENZA UNIVERSITY OF ROME | 2018

- Final mark: 110 cum laude / 110.
- Thesis title: "Risoluzione e Cutting Planes: confronto tra due sistemi refutazionali per la logica proposizionale".

LANGUAGES

- Italian
- Romanian
- English (Cambridge C2)