

Nicolò Vescera

Curriculum Vitae



Education

- 2021–2023 : **Master's degree in Computer Science**, *Università degli Studi di Perugia*, 110L/110.
2017–2021 : **Bachelor's degree in Computer Science**, *Università degli Studi di Perugia*, 105/110.
2012–2017 : **High School diploma in Computer Science and Information Technology**, *I.T.T.S. A. Volta*, 100/100.

Internship

- 2023 : **RedLynx**, *Time Series Imputation on Photovoltaic data using a Deep Learning Approach*.
(6 months)
2021 : **Università degli Studi di Perugia**, *Training and Evaluation of several image classification model architectures based on Deep Learning, tested against basic Adversarial Machine Learning attacks*.
(3 months)




Thesis

- Master's degree Thesis : A Deep Learning approach for Time Series Imputation on Photovoltaic data. 
- Bachelor's degree Thesis : Adversarial Machine Learning Attacks vs Android Detection Systems. 

Computer skills

- Programming Languages Python (PyTorch, Keras, Tensorflow, Numpy, Pandas, Numba), Kotlin, Java, Javascript, C
- Database PostgreSQL, MariaDB, MySQL
- Dev. Technologies docker, kubernetes (theoretical knowledge), git, GitHub (git-flow, github-workflow), networking base knowledge, Linux (debian-based & arch-based distros), Jupyter Lab/Notebooks, advanced CLI usage, Apache Web Server, nginx, openvpn, CUDA

Projects

-  **Complex Network link prediction**, *A python library for link prediction in social networks*, (Python), Owner.
-  **KeepReading**, *KeepReading is a Mobile (Android/IOS) Cross-Platform App wrapper for the Keep Talking and Nobody Explodes manual*, (Flutter), Owner.
-  **LaTeX DevContainer**, *LaTeX development container for Visual Studio Code Remote Containers Development*, (Dockerfile), Maintainer.
- Formula SAE @ UniPg**, *Dashboard GUI Team & Driverless Team*, (Python, C), Developer.