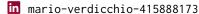
Mario Verdicchio

marioverd95@gmail.com







Employment History

2021 – · · · Medical Imaging Researcher, IRCCS Synlab SDN, Naples.

Education

Ph.D., University of Naples Federico II Computational and Quantitative Biology.

PhD Project: AI-based methods to support clinical decision in the medical imaging domain

2024 EIT Health BeHealsy Student.

PhD Project:

2018 – 2021 M.Sc. Biomedical Engineering, University of Naples Federico II in Medical Device.

Thesis title: Performance analysis of algorithms for the segmentation and automatic classifi-

cation of breasts based on their density.

2014 – 2018 **B.Sc. Biomedical Engineering, Univeristy of Naples Federico II**.

Thesis title: ECG measurements with Arduino UNO.

Research Publications

Journal Articles

L. H. Boulogne, J. Lorenz, D. Kienzle, *et al.*, "The stoic2021 covid-19 ai challenge: Applying reusable training methodologies to private data," *Medical Image Analysis*, vol. 97, p. 103 230, 2024.

M. Verdicchio, V. Brancato, C. Cavaliere, F. Isgrò, M. Salvatore, and M. Aiello, "A pathomic approach for tumor-infiltrating lymphocytes classification on breast cancer digital pathology images," *Heliyon*, vol. 9, no. 3, 2023.

Skills

Coding Python, R, LTEX, Matlab, C++

Tools Kubernetes, Proxmox, Docker, Kubeflow, FreeSurfer, FSL, Ants

Misc. Academic research, teaching, training, consultation, LaTeX typesetting and publishing.

Miscellaneous Experience

Visiting

March - July 2024 Medical Imaging Division, KTH, Stockholm, Sweeden

Summer School

2021 Computationaal NeuroScience, NeuroMatch Accademy

2022 **Deep Learning and Computer Vision**, MALGA Center, Genova, Italy

Miscellaneous Experience (continued)

Summer School On Signlal Processing , IEEE SPS, Capri, Italy