

Davide Parodi

Born in _____ on 9/12/1997

Address _____

Mobile: e-mail: _____

SCHOOL EDUCATION

Master's degree in mathematics at University of Genoa in October 2021 – final grade 110/110 cum laude. Thesis on “Denoising of images affected by speckle noise with Total Variation Method”.

Bachelor's in mathematics at University of Genoa in 2019 – final grade 109/110. Thesis on “Vocal Sampling and Recognition using SVM”.

High school diploma at Scientific High School “Luigi Lanfranconi” Genoa in 2016 – final grade 98/100.

- Software Skills:
C++ and Java programming, MATLAB, Python, R, SQL.
- Machine Learning and Data Analysis:
Supervised and unsupervised learning methods and their implementation on MATLAB and Python. Database administration. I took a specific course on Data Science and Data Analysis organized by Iren.
- Analysis and signal processing:
Hilbert spaces and operators, Fourier Analysis, Discrete Fourier and Radon Transform. I did an internship on biomedical ultrasound images at Esaote. I also studied interpolation methods (polynomial, trigonometric and splines), inverse problem solving, filtering audio files with MATLAB, acoustic scattering problems, satellite imaging reconstruction, stochastic problems, complex analysis.

CURRENT JOB

I'm a PhD researcher at University of Genoa at LISCOMP Laboratory (at Polyclinic Hospital San Martino). I'm working on PET parametric imaging, Gradient-Matching Techniques, Random Features Expansion. I'm working for a project called EpiCA in collaboration with OnAIR S.r.l with the target of innovating the monitoring of the epidemiological trend and prevent the antibiotic resistance.

I was winner of the third prize during poster session at the 14th IEEE EMBS-SPS International Summer School on Biomedical Imaging. In June 2022.

I attended the PhD School of the National PhD in Artificial Intelligence – Health and Life Sciences.

I was university tutor at University of Genoa for the course of C++ for academic year 2021-2022. I'm university tutor for the course of Numerical Analysis and Linear Algebra for academic year 2022-2023.

MUSIC EDUCATION

Pre-academic certification in pianoforte at “Conservatorio Niccolò Paganini” Genoa in 2015.

Academic Pianoforte student at “Conservatorio Niccolò Paganini” in Genoa.

Music awards at “J.S. Bach” and “G.Ratto” national piano competitions.

LANGUAGE EDUCATION

Cambridge English Level B2, December 2016.

JOB ASPIRATIONS

I'd be very interested in joining a structured company, to improve my skills and to develop a cross functional team working approach. I'm used to working efficiently under pressure, delivering accurate results to strict deadlines.

In compliance with the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize the recipient of this document to use and process my personal details for the purpose of recruiting and selecting staff and I confirm to be informed of my rights in accordance to art. 7 of the above mentioned Decree

Genova, 14/10/2022

In Fede