MATTEO SIENA
CURRICULUM VITAE

Born / **09/03/1997** Age / **25**
Place of birth / **FOLIGNO (PG)**
Nationality/ citizenship / **Italy**
Via brenta 6, 06034 FOLIGNO (PG)
Driving licence / **B** / **Car available**

ID / **5058889** updated on **20/06/22**

✉ matteosiena9@gmail.com
📱 3402326293
📞 0742521037

SOFT SKILL

Autonomy **9/10**
Self confidence **9/10**
Flexibility/Adaptability **8/10**
Resistance to stress **9/10**
Ability to plan and organize **9/10**
Managing information **10/10**
Precision/Attention to details **8/10**
Learn continuously **9/10**
Achievement of objectives **10/10**
Entrepreneurial spirit and initiative **8/10**
Communication **8/10**
Problem Solving **9/10**
Team work **10/10**
Leadership **7/10**

FOREIGN LANGUAGE SKILLS

europass

MOTHER TONGUE(S): **Italian**

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ENGLISH GOOD	B2	B2	B2	B2	B2
FRENCH LIMITED	A1	A1	A1	A1	A1

DIGITAL COMPETENCES

Self-assessment grid *europass*
Information processing **Proficient user**
Communication **Independent user**
Content creation **Independent user**
Safety **Proficient user**
Problem solving **Independent user**

EXPECTATIONS AND FEATURES OF THE DESIRED JOB

ECONOMIC SECTOR: **1.** education, training, research and development / **2.** environmental protection / **3.** aeronautics, aerospace, shipbuilding

CAREER FIELD: **1.** Quality and security / **2.** Engineering and design / **3.** R&D and patents

ACADEMIC STUDIES

MASTER'S DEGREE
2019 - 2022

Alma Mater Studiorum - Università di Bologna
Scuola di Scienze
Earth system physics
specific field of the degree course: fisica
LM-17 - 2nd level degree in Physics

Dissertation/thesis title: Improving satellite-based quantification of extreme precipitation events with long return period | Thesis supervisor: Vincenzo Levizzani, Francesco Marra | Dissertation/thesis keywords: extreme events, precipitation, climate change, satellite

Age at graduation: 25 | Official duration: 2 years
Final degree mark: **110/110 cum laude**
Graduation date: 17/03/2022

BACHELOR'S DEGREE
2016 - 2019
CERTIFIED TITLE

Alma Mater Studiorum - Università di Bologna
Scuola di Scienze
Astronomia
L-30 - 1st level degree in Physics

Dissertation/thesis title: Processi di scattering in astrofisica | Thesis supervisor: DALLACASA DANIELE

Age at graduation: 22 | Official duration: 3 years
Final degree mark: **102/110**
Graduation date: 12/12/2019

CLASSICAL CERTIFICATE
FOLIGNO
2016

L.C. 'F. FREZZI' , FOLIGNO (PG)
School-leaving examination mark: **97/100**
Kind of secondary school diploma: Italian secondary school diploma

WORK EXPERIENCES

weather forecaster
ARPA EMILIA-ROMAGNA
Environmental protection
BOLOGNA (BO)
03/2021 - 05/2021

Main activities and responsibilities: Analysis of weather charts and models aimed at the development of forecasts.
Analysis of land based weather stations by means of programming languages.
Analysis of radar precipitation data and development of radar charts.
Acquired skills and achieved objectives: Knowledge of the stages of verification, codification and distribution of weather observations.
Knowledge of how synoptics charts and radiosonde data are analysed and read.
Interpretation of radar and satellite data.
Knowledge of the driving factors of the local weather.
Knowledge of the national weather forecasting systems, their products and services offered to the institutions and citizens.
Knowledge of the data distribution procedures in the global system lead by the World Meteorological Organization (WMO).
Knoledge of the main variables used in the Numerical Weather Prediction models (NWP).
Knowledge of the principles governing the air quality models.
Employed as: intern/trainee - undergraduate internship | Number of hours: 300 | Company sector: Quality and security

FOREIGN LANGUAGE SKILLS

DIPLOMAS AND CERTIFICATES

English Certificate of Studies, Castle School of English (Regno Unito - Brighton), 12 Aug 2016 , **Europass level B2**
English IDONEITA' LINGUA INGLESE B2, Alma Mater Studiorum - Università di Bologna, 21 May 2020 , **Europass level B2**

INFORMATION TECHNOLOGY SKILLS

OFFICE AUTOMATION

Office Suite: (Advanced) | **Presentation Software:** (Advanced) | **Spreadsheets:** (Highly Specialised) | **Web Browser:** (Highly Specialised) | **Word Processors:** (Highly Specialised)

COMPUTER PROGRAMMING

Programming languages: Fortran (Advanced) , MATLAB (Intermediate) , Python (Foundation) , R (Advanced)

SYSTEMS AND NETWORKS MANAGEMENT

Operating systems: (Highly Specialised)

DATA MANAGEMENT

Big Data: (Intermediate)

GRAPHICS AND MULTIMEDIA

(Intermediate)