

DAVIDE MATTIOLI

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EDUCATION

Data Science M.Sc Georg-August-Universität Göttingen	Göttingen Apr 2024 - Apr 2026
Economics B.Sc Università di Torino <i>GPA: 104/110</i>	Turin Sep 2020 - Sep 2023
Natural Sciences High School Natural Sciences <i>GPA: 80/100</i>	Giaveno Sep 2015 - Jun 2020

WORK EXPERIENCE

ATE Electronics <i>System Admin</i>	Turin Oct 2023 - Feb 2024
<ul style="list-style-type: none">• Setting up the Server Infrastructure• Planned the Ethernet Infrastructure in a new industrial plant• Managed the IT infrastructure for a correct future logistical workflow	
Machine Learning Journal Club (MLJC) <i>Volunteer researcher</i>	Turin 2021 - Oct 2023
<ul style="list-style-type: none">• Machine Learning and Deep Learning• Brain wave Signal analysis using an EEG• Coding Predictive models do classify emotions	

SKILLS

Programming languages:	Python (8/10), R (6/10), SQL (6/10), C++ (4/10), Java (2/10)
Frameworks:	Pytorch, Tensorflow, Keras, Pandas, Matplotlib, Numpy

PROJECTS

Agent Based Market Simulation <i>Python, C++</i> Micro-Interactions of Intelligent Agents, Market Structure, ML,	Github
S&P 500 Price Analysis <i>Python</i> S&P500 Risk evaluation and volatility with LSTM	Kaggle
Portfolio analysis <i>Python</i> Sharpe Ratio, volatility, Modern portfolio theory (MPT)	Notebook

AWARDS AND CERTIFICATE

IELTS 7.5 English C1 certificate	IELTS may 2023
Br41n.io competition The competition involves programming or building a fully functional EEG-based Brain-Computer Interface (BCI).	g.tec medical engineering GmbH jul 2022
Neuro Match Academy Deep Learning Neuromatch Academy is an educational platform that aims to introduce traditional and emerging tools of computational neuroscience and deep learning to trainees with an emphasis on theory and model building 1. The academy offers a Deep Learning course that covers the theory and techniques of deep learning with an emphasis on neuroscience, The course is structured mainly by group projects	Neuromatch May 2022
Data Scientist Career Path The career path is divided into four beginner-friendly specializations: Machine Learning, Data Analytics, Inference, and Natural Language Processing. Each specialization focuses on specific skill sets and includes group projects.	Codecademy Jun 2021