Andrea Tedesco - Curriculum Vitae

Date of birth:	14/01/1999
Status:	University student
Field:	Mathematics
Languages:	Italian: Native speaker
	English: B2
	German: A2
	Spanish: A1
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Professional profile

Introduction

I am an ambitious young man, aware of my abilities and equipped with a spirit of sacrifice. I am passionate about all the concrete applications of mathematics, particularly in epidemiology, meteorology, data analysis, and engineering. I also have a strong interest in learning foreign languages.

Education

After obtaining my Classical High School Diploma, I began my university career at the University of Pisa, renowned for its mathematics faculty. Here, I had the opportunity to engage with inspiring figures and personalities who encouraged me to give my best and from whom I drew inspiration. After an initial interest in cryptography and number theory, I redirected my curiosity towards other branches of mathematics.

Aspirations

Throughout my university years, I developed deductive reasoning and logical skills. I intend to be challenged in a position that can fulfill me and allow me to apply what I have learned both in my studies and work experiences. I am looking for intriguing challenges that will enable me to showcase my full potential. I aim to be part of a dynamic team in an environment that promotes innovation and continuous learning. I see myself taking on leadership roles in the management of complex projects. Having recently completed my first work experience in a company, I have gained valuable insight into my professional interests and have come to the firm decision to pursue an academic career.

Work experiences

Febbraio 2025- Maggio 2025	**Environmental consultant** *TAUW ITALIA S.R.L.*	📍 *Pisa, Italia*
	My role was that of Project Assistant, and I was primarily responsible for running simulations aimed at meteorological and climatological characterization, in support of atmospheric dispersion studies and assessments of impacts on air quality and public health	
September 2024- December 2024	**Mathematical Tutor** *Engineering Department, University of Pisa*	📍 *Pisa, Italy*
	I helped students prepare for the OFA test	
October 2023 - July 2024	**Mathematical Analysis Tutor** *Department of Computer Science, University of Pisa*	📍 *Pisa, Italy*
	The task involved preparing lessons and exercises for the Mathematical Analysis exams.	

March 2023 - June 2023	**Tutor**	📍 *Pisa, Italy*
	Department of Mathematics, University of Pisa	
	I was responsible for answering students' questions on first-year subjects in the Mathematics Bachelor's program.	

Education

September 2022 - January 2025	**Master's Degree in Mathematics (Applied Curriculum))**	📍 *Pisa, Italy*
	University of Pisa	
	Title Dissertation: 'From Theory to Real World: Simulating the Spread of Infectious Diseases with the SIRCD Model' Mark: 110/110 with honors	
September 2017 - May 2022	**Bachelor's Degree in Mathematics (Computational Curriculum)**	📍 *Pisa, Italy*
	University of Pisa	
	Title Dissertation: 'Prime number theorem and Dirichlet's theorem' Mark: 110/110 with honors	
September 2012 - July 2017	**Classical High School Diploma**	📍 *Cosenza, Italy*
	Classical High School Bernardino Telesio	
	Mark: 100/100 with honors	

Certifications

February 2025	**Level B2 (Advanced) in English**	📍 *Pisa, Italy*
	I completed a course offered by the CLI at the University of Pisa obtaining an official certification. I have been currently self-studying English with the aim of obtaining a higher-level certification.	
February 2025	**Level A2 in German**	📍 *Pisa, Italy*
	I completed a course offered by the CLI at the University of Pisa obtaining an official certification. I have been currently self-studying German with the aim of obtaining a higher-level certification.	
May 2023	**INdAM Scholarship**	📍 *Rome, Italy*
	I received one of the INdAM scholarships provided by the University of Pisa in collaboration with the National Institute of High Mathematics 'Francesco Severi'.	
20/04/2018	**Driver's License**	📍 *Rende (CS), Italy*
	Category B	

Digital skills

Programming languages	C (Advanced), C++ (Advanced), Python (Advanced), MATLAB (Advanced), R (Basic)
Office Package	Word (Basic), Excel (Advanced)

Operating systems   Systems and Networks Management (Basic)

Personal skills

Communication   Strong motivation and proactive attitude
Ability to work in a team
Excellent stress resistance
Flexibility and adaptability

Organization   Planning and resource management
Analytical thinking and problem-solving skills
Attention to details