

# Anna Laura Pala



## MANAGEMENT ENGINEER

### CONTACT

 3425957984

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 26/7/1999, Sora (FR)

### PROFILE

Ph.D. candidate in Control Systems, Bioengineering and Operations Research (ABRO) at Sapienza University of Rome.

### EDUCATION

#### September 2013/ July 2018

Liceo Scientifico Tulliano | Arpino

- Scientific High School Diploma
- Final grade: 100/100

#### September 2018/ October 2021

Università di Roma Tor Vergata | Roma

- Bachelor of Science in Management Engineering
- Final grade: 110/ 110 cum laude
- Graduation Date: 19/10/2021
- Bachelor's Thesis in Supply Chain Management titled "The Bullwhip Effect in Supply Chain Management"
- Training activity carried out for thesis development: use of the mathematical programming language AMPL.

#### September 2021/ October 2023

Università di Roma Tor Vergata | Roma

- Master of Science in Management Engineering, curriculum in Logistic and Transportation Systems
- Final grade: 110/ 110 cum laude.
- Graduation date: 17/10/2023

- Training activity carried out for thesis development: use of the PTV Visum traffic simulation software.
- Master's Thesis in Supply Chain Management titled "Optimization of Logistic Flows: Impact of Logistics Collaboration on Economic and Environmental Sustainability".

#### November 2023/Present

Sapienza Università di Roma | Roma

- ABRO Ph.D. Program in Operations Research
- Research interests: Integer Programming and Combinatorial Optimization

### WORK EXPERIENCE

Development of a project in collaboration with the CNR Institute of Systems Analysis and Computer Science 'Antonio Ruberti': 'Development of a transportation simulation model and production of a report on methods for generating and modifying OD matrices, integration with mixed-integer linear programming methods for the optimization of transportation flows.'

### LANGUAGES

Italiano - Native  
Inglese - Fluent

## CERTIFICATIONS

- European Computer Driving Licence (ECDL)
- Lean Six Sigma Yellow Belt Certification | Tor Vergata Lean & Six Sigma Academy

## COMPUTER SKILLS

Programming Languages and Software:

- Excellent proficiency in Microsoft Office suite
- Extensive mastery of the programming languages AMPL and LaTeX
- Good knowledge of QGIS and PTV Visum software
- Advanced familiarity with the discrete event simulation software Arena
- Solid understanding of the Python programming language

## AWARDS

27/09/2021: Amazon Innovation Award 2021

## INTERESTS

- Classical Music: Dedicated ten years to the study of classical piano, cultivating a deep appreciation for musical expression.