

FABIO CICCARELLI

Place and date of birth: Avezzano (AQ), 11/08/99

Domicile: Rome, Italy

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EDUCATION

UNIVERSITY OF ROME LA SAPIENZA

PhD Program in Automatic Control, Bioengineering and Operations Research

Rome, Italy

November 2023-Present

- Under the supervision of prof. [Fabio Furini](#)
- Research focus on integer programming and combinatorial optimization

UNIVERSITY OF ROME LA SAPIENZA

Master of Science in Management Engineering

Rome, Italy

October 2021-October 2023

- Graduation Date: 10/2023
- Graduation Grade: 110/110 with honors
- Thesis Title: Alternative strategies for Train Dispatching optimization: a study on the Paths&Cycles algorithm ([link to the thesis](#))

UNIVERSITY OF ROME LA SAPIENZA

Bachelor of Science in Management Engineering

Rome, Italy

September 2018-October 2021

- Graduation Date: 10/2021
- Graduation Grade: 110 /110 with honors
- Thesis Title: Mixed integer linear programming formulations for the Nurse Rostering Problem ([link to the thesis](#))

LICEO CLASSICO A. TORLONIA

High School

Avezzano (AQ), Italy

September 2013-June 2018

- Final Grade: 100/100

WORK EXPERIENCE

JESAP CONSULTING

Senior IT Consultant

Rome, Italy

August 2023- Present

JESAP CONSULTING

Head of IT

Rome, Italy

March 2023- August 2023

- Led a team of 10 talented Sapienza University students, overseeing **web app development, mathematical modeling**, and other digital solutions for **external clients**.
- Managed projects and ensured their **successful delivery**.
- Conducted **technical interviews** and introduced new resources to the team.

JESAP CONSULTING

Junior IT Consultant

Rome, Italy

December 2022- February 2023

- Played a key role in establishing and **launching the IT department**, contributing to its inception and initial setup.
- Assisted in identifying and evaluating suitable tools for web app development and played a part in constructing a **competitive business proposal**.
- Expanded coding skills in **Python**, gained proficiency in **database management**, and acquired experience in **cloud server management**.

LANGUAGES

- **Italian** (Native). **English** (Fluent).

COMPUTER SKILLS

- Excellent knowledge of **Windows 11** and **Python** (mainly of **Numpy**, **Scipy**, **Gurobi** and **Pytorch** libraries). Good knowledge of **Microsoft Office** and **GSuite**, **LaTeX** and **SQL-based DBMS**.

ADDITIONAL INFORMATION

- **Honors & Award:** National Finalist of “**Philolympia**” games and 4th classified in “**Certamen Ovidianum Sulmonense**” in 2018. National Finalist of the first edition of [Supply Chain Challenge](#), organized by MakeItalia. Selected for the **Sapienza honor path** as one of the top 15 students in my course, attended seminars led by distinguished professors from European universities and experienced managers from prominent enterprises, gaining valuable insights on modern topics of debate.
- **Extracurricular activities:**
 - Teacher of **Mathematics/Physics private lessons** for High School students, as well as for those preparing for university entrance exams.
 - Tutor of **Databases/Circuit Theory/Physics/Calculus** for University students.
 - **SOrT** (Servizio Orientamento e Tutorato) scholarship holder for Sapienza (top-3 classified in merit-based ranking) in 2019/2020, 2020/2021, 2021/2022 and 2022/2023. I also developed a **personnel scheduling model** to facilitate the rotation of interns. This model received high praise from administrative staff and students, making the internal organization way more efficient.
 - [Mentors4u](#) mentee since July 2021. One of the top 25% of candidates selected for the mentorship initiative.
- **Hobbies:** Fitness, Chess, Books, Boardgames.