CURRICULUM VITAE

GIULIA VERDOLIVA

PERSONAL INFORMATION

EDUCATION AND TRAINING

Master of Science Degree: I graduated on 05 September 2022 in Mechanical Engineering at the University of Perugia, with a final mark of 110/110 cum laude. I presented my final dissertation entitled "Advanced text mining techniques for studying job vacancies and forecasting company performance"; with supervisor Professor A. Fronzetti Colladon.

Minimaster: I obtained Certification Introductory Level in December 2020 by IPMA Italy following an examination on internationally recognised core methodologies required for Project Management.

Bachelor of Science Degree: I graduated on 24 September 2020 in Mechanical Engineering at the University of Perugia.

Diploma: I earned Scientific High School Diploma in July 2017 at the Scientific High School "G. Galilei" in Terni, with a final mark of 100/100.

LANGUAGES

Italian: Mother tongue

English: B2 level

IT SKILLS

- **Excellent knowledge of the Microsoft Office programs: Excel, Word, PowerPoint.**

- **Excellent knowledge of the main software packages for Social Network Analysis: Pajek, Gephi.**

- **Excellent knowledge of the main software packages for Text Mining: SBS BI app, Context.**

- **Proficient knowledge of the Social Media Analytics platform: SBS BI app.**

- **Basic competence in Statistical software: SPSS, Stata.**

- **Basic knowledge of programming languages: Matlab and Python.**

PROJECT ACTIVITIES

The main projects I carried out during my Master of Science Degree are:

- **"Building a database for analysing job vacancies and searching company data via Orbis". Project duration: 3 months**

- **"Procurement and production of a hand-lift trolley crane", aimed at the application of stock management techniques and the organisation of production lines. Project duration: 5 months**

ACADEMIC WORK

Ph.D. fellowship-University of Perugia

Since November 2022, I'll be a Ph.D. student in Industrial and Information Engineering at the University of Perugia. My research project is about the development of efficiency models, both economically and in terms of service level in the management of production and organisational processes and in the management of patients in a complex health facility. The goal is to contribute to healthcare management research by combining Social Network Analysis techniques with the BPM methodology. This dual approach shall allow us to optimize healthcare processes by increasing efficiency, minimizing waste of resources, and lowering costs while also better managing all involved stakeholders.

La sottoscritta Giulia Verdoliva dichiara che tutti i fatti riportati nel presente curriculum corrispondono a verità ai sensi e per gli effetti degli artt. 46 e 47 del D.P.R. 445/2000.

Il sottoscritto dichiara di essere a conoscenza delle sanzioni penali cui incorre in caso di dichiarazione mendace o contenente dati non più rispondenti a verità, come previsto dall'art. 76 del D.P.R. 28.12.2000, n. 445.

Il sottoscritto dichiara di essere a conoscenza dell'art. 75 del D.P.R. 28.12.2000, n. 445, relativo alla decadenza dai benefici eventualmente conseguenti al provvedimento emanato, qualora l'Amministrazione, a seguito di controllo, riscontri la non veridicità del contenuto della suddetta dichiarazione.

Si allega a tale scopo copia del documento di identità in corso di validità

Perugia, 13/02/2023

Firma