TOMMASO BOSI

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Summary

PhD student specialized in OR, business organization and management, software development. Experienced with all stages of the algorithmic development cycle for railway transport companies. Well-versed in numerous programming languages including Python, C, Java, and SQL. Strong background in project management and business management.

Skill Highlights

- Project management
- Strong decision maker
- Complex problem solver
- Programming Languages: **Python, C, Java, SQL.**
- Innovative
- Service-focused

Experience

Membro – AIROYOUNG: 08/2020
Tirocinio – TRENITALIA: 10/2019 – 05/2020
Socio Dirigente – A.L.E.SS. Don Milani: 02/2017
Sviluppatore Web – FORMALBA S.R.L.: 04/2017 – 03/2020
Scrittore Scientifico – ALETHEIA EDITORES: "Combinazioni", Tommaso Bosi, 2018

Education

- Scientific high school diploma
- Bachelor's degree in management engineering
- Master's degree in management and automation engineering: **108/110**

Languages

Italian – **Mother tounge**
English – **B2**

Certifications

- PCEP – Certified Entry-Level Python Programmer (Code): **E7Sa.DS4L.kOrT**
- Business management (IBMI – International Business Management Institute): **380656-161-297-9486**

Certifications

- Project Management (IBMI – International Business Management Institute): **380656-161-297-9772**
- Information Systems Strategy In Business Context (MSBM – Metropolitan School Of Business and Management UK): **2065902**
- Sustainable Management (IBMI – International Business Management Institute): **380656-161-299-2873**
- Intelligent Business Technologies (MSBM – Metropolitan School Of Business and Management UK): **2076830**
- Mini MBA – Master of Business Administration (IBMI – International Business Management Institute): **380656-161-297-4197**
- Risk Management (IBMI – International Business Management Institute): **380656-161-297-7511**
- Data Mining And Virtual Organization (IBMI – International Business Management Institute): **2086552**
- ESB – English Speaking Board: **B2**

Conferences

- On-line training course on Railway Optimization: **12-13 May 2020, Online**
- MT-ITS 2021: **16-18 June 2021, Crete**

Scientific paper

Exams and Projects related to specialization

- Fondamenti d'informatica: **Python**
- Basi di dati 1: **SQL**
- Ottimizzazione dei servizi pubblici: Implementation of a "Plant location" in **Cplex** with data files imported from Excel (capacitated, with different hubs type, temporal range)
- Ottimizzazione combinatoria: development of "VRPTW" algorithm in **Java** (Vehicle Routing Problem with Time Windows)
- Algoritmi e strutture di dati: **C**
- Tirocinio curriculare Trenitalia: Algorithm development in programming language C for On-line train calendars generation (**Cplex, C, Python**)

Other Skills

Software: **Cplex, CodeBlocks, PyCharm, draw.io, Teams, Cisco, Skype.**
Microsoft Office: **Word, Excel, Power Point, Access.**
Set Adobe: **Photoshop, Illustrator, AfterFx.**