Pasqua Meccariello

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PERSONAL STATEMENT

Highly skilled, organised and motivated Biomedical Engineer with experience in coding and testing software. I started working for an IT consulting firm, where I have successfully managed complex projects that involve data analysis, process optimization, and automation.

In the last years I have been working for government at Regione Lombardia on the Italian national recovery and resilience plan (PNRR), for the digital transformation of public administration. This plan is part of the Next Generation EU programme, aimed to repair the economic and social damage caused by the pandemic crisis and support the growth of the nation trough digital innovation.

As an engineer with experience in digital transition, I have witnessed firsthand the transformative power of AI and my goal is working to bridge the gap between technical concepts and practical implementation in driving successful digital transformations within public organizations.

I consider myself a fast and accurate learner, eager to engage with others, always striving to improve knowledge, in order to achieve the best results possible and seeking new challenges.

EMPLOYMENT HISTORY

01/2022 – present
Senior Engineer for NextGenEU Projects
Regione Lombardia, Milan, Italy

- Supporting digital transformation of central and local administrations
- Business process reengineering
- Ensuring ICT solutions for a more efficient data exchange process between administrations

12/2016 – present
ICT Senior Software Developer
Lynx s.p.a, Milan, Italy

- Leading software development projects and supervising other team members
- Managing budget and timeline projects
- Designing and developing solutions using software development cycle

10/2019 – 02/2020
Math Teacher
Istituto Europeo, Milan, Italy

- Math and IT teacher in evening courses in school of adult and continuing education.

06/2016 – 11/2016
ICT Software Developer
Gi Group (for Lynx s.p.a), Milan, Italy

- Creating test programs in eSQL language according to specification
- Developing and testing solutions
- Providing problem resolution and support

07/2012 – 01/2015
Accounting technician
Accouting Firm "A. Meccariello", Scafati, Italy

- ICT Manager

- Processing data, digital documents, and digital financial transactions
- Working on financial software and balance sheets

EDUCATION AND TRAINING
15/05/2023 – 17/05/2023
Project and EU Funding Manager Course
Belgian – Italian Chamber of Commerce

- European Funding
- Call for proposal, application form and project writing
- European programmes and Governance

10/2021 – 09/2022
Master's degree (II Level) in "Machine Learning and Big Data in precision medicine and biomedical research"
Università degli Studi di Padova, Padova, Italy

- Aim: Learning how to use advanced data analysis methodologies from Machine Learning to Data Mining to Predictive Analytics in clinical settings, with a focus on the identification of the clinical condition of patients, their response to different therapeutic strategies and how they pertain to specific stages of progression.

03/2018 – present
Licensed Qualified Engineer
Engineers' Order, Naples, Italy

- 2nd level degree – State exam for section A and Industrial Sector
- Qualified Engineer enrolled in the Register (Albo) kept by Provincial Engineers' Order of Naples

01/2018 – 07/2018
FIT Course (Teacher Training Course)
Cattolica University, Milan, Italy

- Completed all exams and obtained all the learning credits required (24 credits)
- Developed appropriate skills and social abilities in students according to their age, aptitude, and ability
- Fields of study: Philosophy and Social Anthropology, Psychology of Education

09/2017 – 09/2017
Summer School on HTA
University of Patras, Patras, Greece

- Early stage health technology assessment (HTA)
- Validation and use of medical devices
- Systematic review and meta-analysis

11/2013 – 02/2016
Two years Master's Degree in Biomedical Engineering
Campus Biomedico University, Rome, Italy (grade 105/110, 2nd class honours upper division)

- Thesis: "Systematic review and meta-analysis: a case study on the conventional laparoendoscopic surgery versus single-site laparoendoscopic surgery for inguinal hernia repair and the development of a new MATLAB tool."

09/2015 – 02/2016
Internship as visiting research assistant
University of Warwick, Warwick, UK

- Systematic Review, OpenMetanalysis, MATLAB, Health Technology Assessment (HTA), Clinical project management, Clinical trials

10/2008 – 09/2013
Bachelor's Degree in Biomedical Engineering
University of Naples, Naples, Italy

LANGUAGE SKILLS

- Italian: Mother Tongue
- English: Fluent (IELTS Certificate Level C1 in 2018)

TECHNICAL SKILLS

- Microsoft Office, Access
- C++, eSQL, Oracle, R
- MATLAB, OpenMeta[Analyst]

KEY SKILLS

- Excellent presentation skills and good communication
- Highly organized professional
- Used to work under pressure, problem solving
- Willing to learn and cooperate

CERTIFICATIONS

- Project Manager (UNI 11648:2016)- TÜV NORD ITALIA S.R.L.
- ICT Project Manager (UNI 11621-2:2016)- TÜV NORD ITALIA S.R.L.
- ECDL Full Standard

PUBLICATIONS

- Meccariello, P., Castaldo, R., Montesinos, L., Guglielmelli, E., & Pecchia, L. (2016). A Matlab Tool to Support Systematic Literature Review with Meta-Analysis. In XIV Mediterranean Conference on Medical and Biological Engineering and Computing 2016 (pp. 1000-1002). Springer, Cham