OPEN POSITION:

COMPUTER VISION ENGINEER

ABOUT THE ROLE	The resource will be responsible for the design, development and implementation of 2D and 3D computer vision and artificial intelligence algorithms using Halcon libraries for industrial applications. In addition, he/she will be responsible for the conversion of these algorithms into C# and their integration into server-side services, supporting various applications in robotic cells and in stand-alone vision systems.
RESPONSIBILITIES	The figure will be in charge of: • The realisation of 2D and 3D artificial vision and artificial intelligence algorithms using Halcon libraries for industrial applications, taking part in the testing, which is carried out at the company's headquarters, following the commissioning on-site or remotely, at the customer's: • Converting these algorithms into C# and integrating the code into server-side services that have different applications on robotic cells and stand-alone vision systems; • Analysing and improving the efficiency, scalability and stability of existing and newly developed software, interfacing directly with the customer in the technical area and coordinating with the project manager.
LOCATION	• Borgo Chiese (Italy) (Headquarters, production of electrical panels and robotic cells, testing and verification, offices for software development, electrical and mechatronic engineering). • Calvagese della Riviera (Italy) (Department with offices and production - after training period). • Rovereto (Italy) (Department with offices - after training period)
REQUIREMENTS	• Willingness to learn new computer skills applied to the industrial sector. • Diploma and/or degree in electronics, electrical engineering, industrial automation or similar. • Availability for occasional travel in Italy and abroad. • Good knowledge of the English language. • Excellent stress resistance, interpersonal skills and operational flexibility complete the profile.
REQUIRED TECHNICAL SKILLS	• Knowledge of artificial vision and/or artificial intelligence systems; • Basic knowledge of a library related to machine vision systems (Halcon, OpenCV ...); • Ability to process algorithms of medium to high complexity;

Polytec S.p.A.

VAT: IT 04015060165

www.polytec.bmgroup.com

REGISTERED OFFICE:

Via Boschetta, 15 – 24062 Costa Volpino (BG) Italy

ADMINISTRATIVE HEADQUARTERS:

Via Roma, 151 – 38083 Borgo Chiese (TN) Italy

Pag. **1** a **2**

- Good knowledge of object-oriented programming;

- Familiarity with 2D image analysis, 3D point clouds and other imaging technologies;

- Familiarity with the Visual Studio development environment and the .NET Framework;

- Good knowledge of relational and non-relational databases.

WHAT WE OFFER

- Equipment: Smartphone and PC.

- Shared apartment/hotel for non-residents during training period at the Borgo Chiese headquarters.

- Technical, linguistic, and managerial training.

- Opportunity to work for a rapidly growing international group in the field of robotics and industrial automation.

- Opportunity to grow and improve the job position, aspiring over the years to acquire responsibilities within the company.

- Opportunity to travel and meet new people from different linguistic and cultural backgrounds.

- Opportunity to take part in innovative research and development activities.

ABOUT US

Polytec, a BM Group company, develops technologically advanced automation systems and robotic solutions, supporting industry on the path towards digital transformation.

BM Group is an Italian industrial group that combines companies with different specialisations that share a common goal: to enable industry to undergo the technological transformation necessary to become a smart and sustainable factory. The BM Group team is young, dynamic, and constantly collaborates with research centres and universities. For each new figure included in our staff, an induction programme is defined in the hiring phase in accordance with experience and skills. We organise and promote training courses with a view to continuous improvement.

APPLICATION INFORMATION

- RAL to be defined based on the professional profile.

- The job offer is aimed at both sexes (law 903/77)

- Information on the treatment of personal data (2016/679 GDPR): https://bmgroup.com/wp-content/uploads/2024/03/Informativa-Candidati_Contitolarita-BM-Group-v.23.03.24.pdf

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Pag. **2** a **2**