

Internship proposal

Alessandro Voltan

Process Engineer (Internship) @ Applied Materials Italia

Tasks:

Main topic of the internship (or Master Thesis) is the development and integration of Artificial Intelligence techniques for image analysis and defect detection

Job description

After a proper training period, candidate will work in the Metrology team as Process Engineer for development and integration of Artificial Intelligence techniques for image analysis and defect detection, both in the photovoltaic industry and other hi-tech applications.

Beside the development of suited software applications, as Process Engineer he/she will be on charge of definition of experimental methods for performance evaluation: detection precision, algorithm repeatability and reproducibility, sensibility, detection failure analysis...

It is also required to perform hands-on testing with Machine Vision systems for debugging and validation.

Requirements:

Master student in Computer Engineering, Electronic Engineering, Control Systems Engineering

Solid theoretical technical background (preferred in machine vision or software development)

Knowledge of software languages like C++, C#

Languages: Fluent English mandatory, Italian preferable

Personal Skills: autonomous on performing assigned task, willing to learn and to face new and challenging technical issues, team worker

Place of work:

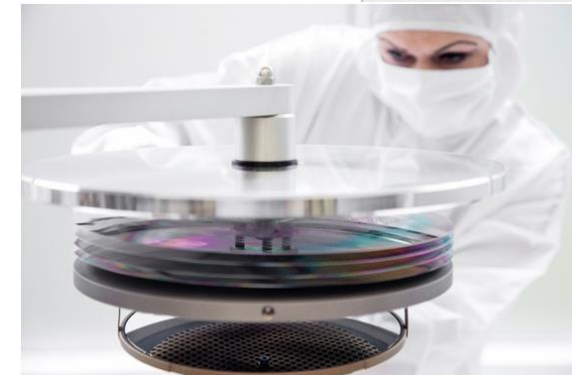
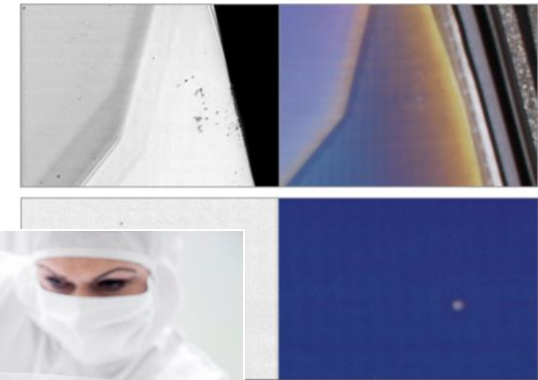
Olmi, San Biagio di Callalta Treviso + remote

What we offer:

Training Internship in a Hi-tech and multinational and multicultural environment

Reimbursement of expenses + ticket restaurant

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