

1 Photovoltaic manufacturing operator

He is involved in the manufacturing of solar panels, he transforms the raw materials into finished products.

Under the responsibility of a team leader, he makes small handling procedures and transports the components to supply the machine, he controls the production to ensure there is no defect. He assembles the various components, he performs welding, he tests the finished product and performs the packing. He has to respect a certain pace.

Jobs
of Tom.RoW



Employers :

Manufacturers.



Level of studies :

Highschool level, vocational training.



Salary :

Below the median wage.



Required qualities :

- A good command of professional techniques
- Good physical strengt
- Precision, dexterity, speed.
- Work ethic
- Rigor
- Teamwork



Solar panel sales representatives

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He sales photovoltaic equipments (solar panels, accessories, complete equipment) for the company that employs him.

He regularly visits his customers in order to retain them, offering attractive deals, and he looks for prospective customers. He studies their needs to suggest the most adapted equipment. He ensures the good delivery and customers satisfaction. He also collects information on the ground about the competition.



Employers :

Companies of solar panels installations, manufacturers.



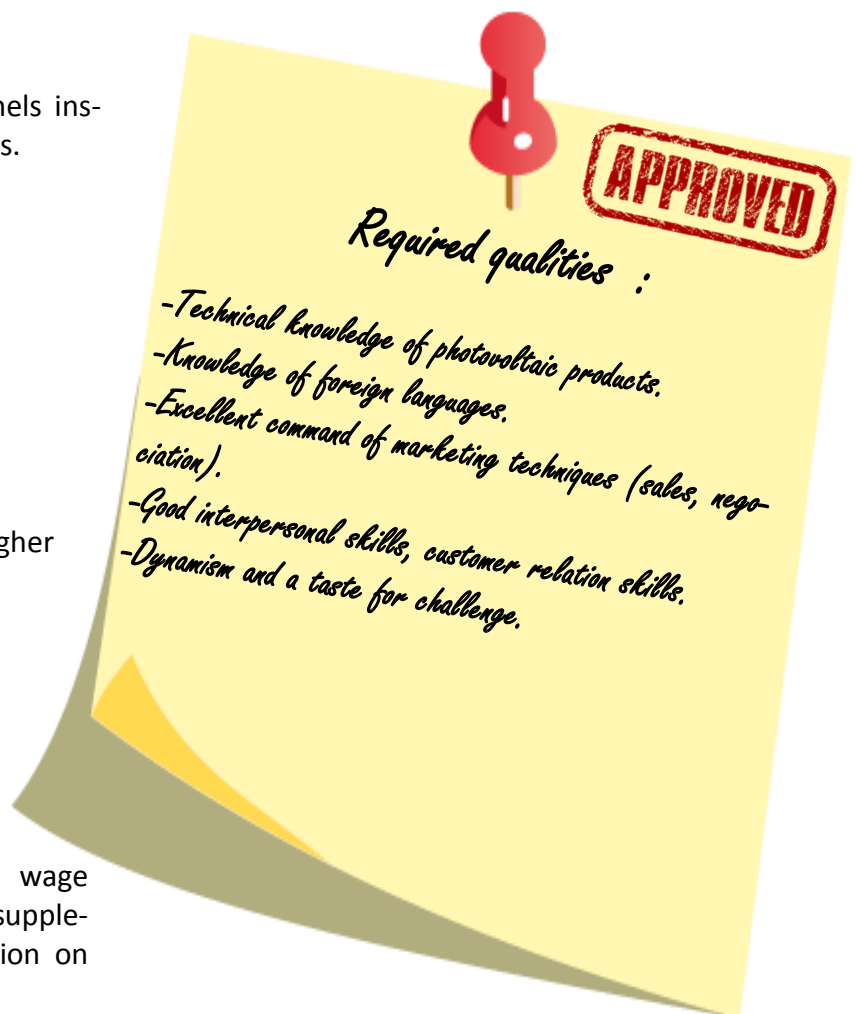
Level of studies :

At least 2 years of higher education.



Salary :

Above the median wage (usually a fixed wage supplemented by a commission on the sales made).



Researcher Ingeneer

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Jobs
Of Tomorrow



He develops new manufacturing processes and optimizes existing ones. He innovates to increase quality and efficiency of solar panels, and to reduce manufacturing costs. He stays on top of scientific and technical progress by reading the recent publications. He works in cooperation with other researchers in the scientific community.



Employers :

Research centers, laboratories of large companies.
Research and development department.



Level of studies :

At least 5 years of higher education.



Salary :

High salary.



Required qualities :

- Excellent technical and scientific knowledge (chemistry, physics, optics, mechanics).
- Knowledge of foreign languages.
- Analytical mind, rigor.
- Creativity, curiosity.
- Willing to work abroad.
- A taste for teamwork.

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Engineer Research analyse

He centralizes all the technical documents of the project, in order to achieve a global document that all technical teams can use.

He allows to design and realize new products, and also improve existing products until they are put on the market.

He allows the customers, technical teams and sales representative to connect.

Jobs of Tomorrow



Employers :

Consultants.



Level of studies :

At least 5 years of higher education.



Salary :

High salary.



Required qualities :

- Excellent technical and scientific knowledge.
- Knowledge of foreign languages.
- Analytical mind, rigor.
- A taste for teamwork
- Organization, planning.
- Good communication skills.
- Interpersonal skills.

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Foreman

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Jobs
of Tomorrow



He coordinates and oversees the construction of photovoltaic power plants. He ensures proper implementation of the projects from A to Z, in order to satisfy his client. He is responsible for the quality of the work, for respecting the deadlines and the budget. He controls all stages of the building process, oversees subcontractors, ensures the quality and the safety of construction sites. He works several projects at the same time and constantly goes on the ground. Real conductor, he is the link between all the participants : customers, subcontractors, purchasing departments, logistics, engineering consulting and project managers.



Employers :

Consulting firms in technology, developers and installers of photovoltaic power plants.



Level of studies :

At least 3 years of higher education.



Salary :

High salary.



Required qualities :

- Technical knowledge.
- Accounting and financial knowledge..
- Flexibility
- Good communication skills.
- Decision -making spirit and analytic mind.
- Ability to anticipate unforeseen events.
- Autonomy.



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Solar panels installer

He installs photovoltaic panels, ensures the maintenance of the system according to safety regulations and standards. He makes sure that all stages of the installation are carried out from the first appointment with the customer to the after-sales follow-up. Real project manager, he regularly visits the construction sites.

Jobs
of Tomorrow



Employers :

Companies of solar panels installation.



Level of studies :

Usually 2 years of higher education.



Salary :

Above the median wage.



Required qualities :

- Technical knowledge.
- Accounting and financial knowledge, business-minded.
- Flexibility and adaptation..
- Sales and financial skills.
- Taste for management.
- Autonomy.

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Maintenance electrician of solar systems

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Jobs
of Tomorrow



he is in charge of the maintenance of the photovoltaic systems, he operates on already laid installations. He checks the wiring systems. He knows how to detect failures and repairs or replaces defective components.



Employers :

Companies of solar panels installation.



Level of studies :

Highschool level, vocational training.



Salary :

median wage.



Fitter of solar installations

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Jobs
of Tom.Rrow



He installs heating systems, solar panels, generators, air conditioning systems or ventilation on all types of buildings and on all types of roofs. He can also ensure the maintenance and repairs of these installations.



Employers :

Tradesmen, small and medium companies specialized in the installation of solar panels.



Level of studies :

Highschool level, vocational training.



Salary :

Above the median wage.



Required qualities :

- Technical knowledge.
- Autonomy.
- Flexibility and adaptation.
- Work ethic.
- Precision.
- Command of professional techniques.
- Good physical resistance.

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Cleaner of solar installations

Jobs
of Tomorrow



He cleans solar panels every year or more often if the environment requires it, for example in urban zones because of the pigeons. Although the glass of the solar panels is self-cleaning, a good cleaning optimizes their performance.



Employers :
Cleaning companies.



Level of studies :

No qualification.



Salary :

Low wage.



Required qualities :

- Work ethic
- Precision, speed.
- Command of professional techniques.
- Good physical resistance.

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Agent of development of the renewable energies

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Jobs
of Tomorrow



He has to manage and follow the energy consumption of his town. He identifies possible improvements to save energy. He plans the necessary work for the success of his mission (for example, the installation of photovoltaic panels on the roof of a gymnasium).



Employers :

Town councils.



Level of studies :

At least 2 years of higher education.



Salary :

Medium wage.



Required qualities :

- Technical knowledge.
- Administration and accounting knowledge.
- Taste for management.
- Communication skills.
- Autonomy.
- Decision-making mind.
- Organisation, planning.
- Analytical mind.

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