Most popular future jobs of 2030 - Elaboration from an article of italian magazine "Panorama"

Starting from the predictions of some of main research centers in the field of job and employment, an Italian magazine published an interesting news on what will be the most requested jobs in 2030 in US and Europe.

Although it regards this part of the world, the trend is interesting also for other countries, either to stimulate similar exercise, and for possible practical use in some circumstances.

The most advanced sectors will certainly be **high tech** and **green economy**, but even the traditional **personal care** sector will have a strong development due to the population ageing.

Many of these jobs do not exist today, while some professions - such as the bank clerk, the mailman or the call center operator - will disappear in the next future. Finally, the key to the future will be **adaptability**, because everything in the global market is constantly and fast changing.

The *Bureau of Labor Statistics* of United States Department of Labor compiles projections to 10-20 years about jobs and sectors which will grow most rapidly, estimates the number of jobs created, and which jobs, however, will decline.

These projections are very useful to guide governmental policies planning at local and national level, but they also guide the decisions of entrepreneurs, universities and research centers, and also the choices that each family takes about the education to give to the children.

In the ranking of the top 50 most demanded jobs in the future of USA there is the **nurse**. The entire sector of personal assistance is growing fast, due to the increasing population ageing (which is common to all industrialized countries), and also for the support to the insurance industry for health care and investment in scientific research, from medications to machinery, from robotics to biotechnology.

Many brand new jobs will emerge for these reasons and from this sector.

In the field of *social services*:

- The **home carer** will provide assitance to the elderly.

- The **experimental therapist** will suggest alternative treatments to the patients.
- The **memory augmentation surgeon** will help elederly to preserve their memory.

Other opportunities will come from *nanotechnology* and *biotechnology*, such as:

- The **body part maker** will create living body parts.
- The **nano medic** will create sub-atomic systems and treatments to help the patients.
- The **bio-informationist** will combine genetics with the development of medicines and clinical therapies.
- The **geomicrobiologist** will study how microorganisms can give new medicines or help in combating pollution.

Looking at the not high-skill jobs, the following are growing:

- **Chauffeurs**
- **Gardeners**
- **Bicycle repairman**
- **Plumbers**

And new jobs are borning, such as

- The **compcierge,** a concierge who is specifically trained to repair computers failures,
- The **broadband architect** who organizes the internet interactive contents on your TV at home.

The other major flywheel for economy will continue to be the **high tech innovation**.

In the filed of **augmented reality,** new growing jobs are

- The **digital architect**.
- The **experts of 3D printers,** that use plastics fired from the laser to realize real 3D objects.

Some of these trends are the same in Europe, as EU Commissioner for Employment László Andor declares. In Europe the growth of jobs will focus on three key areas: **green economy, health services, information and communication technology.**

Generally it is expected that the low profile jobs will decrease and – since products and industrial districts moved to elsewhere – workers will need to have more transversal skills and to be more open to mobility. On

the other hand the managers need to be able to manage a intercultural and intergenerational labor force, and to continuosly stimulate innovative processes.

The potential for the key areas is huge, but to reach relevant results it will be really important to invest in education and capacity building.

Brussels presented a proposal to support the employment prospects of the future, estimating that only the **green jobs** would create over 20 million jobs since 2020.

Speaking about green economy, the following new jobs will appear:

- The **energy manager** will cut consumption in public buildings and private companies,
- The **uranium recycler** will convert the uranium used for military purposes in material for nuclear power plants,
- The **technological recycler** will dispose or recycle disused technology.

A report commissioned by the UK government and conducted by Fast Future, foresees the following new jobs in 2030:

- The **vertical farmer** will cultivate vertical farms in urban area to reduce the extension of exploited soil;
- The **time broker** will manage the time as money, to use time instead of money;
- The **personal brander** will support people to build and managed themselves as a quality brand.

In Italy the **agro-food** will be growing and will create new professions, such as:

- The **personal trainer of vegetable garden**

Also in this sector research an innovation are dramatically important for economic growth: in Italy two young agronomist created a mushrooms cultivation using coffee grounds, and another one invented a method to extract fruit fiber and realize covers for furnishing accessories.

Considering the abovementioned projections and the challenge of new job, each country want to be competitive has to start since now to prepare new generations to be competitive for new jobs, which means:

1) Investment in education and research are a big priority.
2) There is a strong relationship between the educational offer and the labor demand.
3) Entrepreneurship is always animated and supported, especially in young people.

MOST POPULAR JOBS IN 2030	
Health care	Nurse; home carer; experimental therapist; memory augmentation surgeon; body part maker; nano medic; bio-informationist; geomicrobiologist.
High Technology	Digital architect; experts of 3D printers;
Traditional Jobs	Chauffeurs; gardeners; bicycle repairman; plumbers.
New Jobs	Compcierge; broadband architect; time broker; personal brander.
Energy	Energy manager; personal trainer of vegetable garden.
Green Economy	Vertical farmer; uranium recycler; technological recycler.
General	New educators New researchers New entrepreneurs