

Endangered Jobs

Drivers

- Taxi Driver
- Limo driver
- Bus drivers
- Rental car personnel
- Truck drivers
- Mail carriers

Public Safety

- Traffic cops
- Meter maids
- Traffic court judges
- Traffic court lawyers
- Traffic court DAs
- Traffic court support staff
- Parking lot attendants
- Valet attendants
- Car wash workers

Agriculture

- Crop monitors/consultants
- Spraying services
- Shepherds
- Wranglers/herders
- Varmint exterminators

Surveying

- Land and field surveyors
- Environmental engineers
- Geologists

Emergency Rescue

- Emergency response teams
- Search and rescue teams
- Firefighters

News Services

- Mobile news trucks

Remote Monitoring

- Construction site monitors
- Building inspectors
- Security guards
- Parole officers

Manufacturing

- Plastic press operators
- Machinists
- Shipping & receiving
- Union representatives
- Warehouse workers

Home Construction

- Carpenters
- Concrete workers
- Home remodeling
- City planners
- Homeowner insurance agents
- Real estate agents

Writing

- News reporters
- Sports reporters
- Wall street reporters
- Journalists
- Authors

Military

- Military planners
- Cryptographers

Medical

- Dietitians
- Nutritionists
- Doctors
- Sonographers
- Phlebotomists
- Radiologists
- Psychotherapists
- Counselors/psychologists
- Surgeons
- Home healthcare
- Pharmacists
- Veterinarians

Financial Services

- Financial planners/advisors
- Accountants
- Tax advisors
- Auditors
- Bookkeepers

Legal Services

- Lawyers
- Compliance officers/workers
- Inventory controllers
- Sign spinners

Maintenance

- Painters
- Janitors
- Landscapers
- Pool cleaners
- Grounds keepers
- Exterminators
- Lumberjacks
- Bill collectors

Retail

- Retail clerks
- Checkout clerks
- Stockers

Misc.

- Meeting/event planners
- Cost estimators
- Fitness coaches
- Logisticians
- Interpreters/translators
- Customer service reps
- Teachers
- Energy planners
- Environmental designers
- Energy auditors
- Power plant operators
- Miners
- Oil well drillers, roughnecks,
- Geologists
- Meter readers
- Gas/propane delivery

Future Jobs

Hot New Skills

- Transitionists – Those who can help make a transition.
- Expansionists – A talent for adapting along with a growing environment.
- Maximizers – An ability to maximize processes, situations, and opportunities.
- Optimizers – The skill and persistence to tweak variables until it produces better results.
- Inflectionists – Finding critical inflection points in a system will become a much-prized skill.
- Dismantlers – Every industry will eventually end, and this requires talented people who know how to scale things back in an orderly fashion.
- Feedback Loopers – Those who can devise the best possible feedback loops.
- Backlashers – Ever- new technology will have its detractors, and each backlash will require a response.
- Last Milers – Technologies commonly reach a point of diminishing returns as they attempt to extend their full capacity to the end user. People with the ability to mastermind these solutions will be in hot demand.
- Contextualists – In between the application and the big picture lays the operational context for every new technology.
- Ethicists – There will be an ever-growing demand for people who can ask the tough question and standards to apply moral decency to some increasingly complex situations.
- Philosophers – With companies in a constant battle over “my-brain-is-bigger-than-your-brain,” it becomes the overarching philosophy that wins the day.
- Theorists – Every new product, service, and industry begins with a theory.
- Legacists – Those who are passionate and skilled with leaving a legacy.

Personal Rapid Transit Systems (PRTs)

- Station Designers & Architects
- Circulation Engineers
- Traffic Flow Analyzers
- Command Center Operators
- Traffic Transitionists
- Impact Minimizers
- Demand Optimizers
- Secondary Opportunity Developers
- Feedback Loopers
- Construction Teams
- Site Collection Lease Managers
- System Architects
- Water Supply Transitionists
- Purification Monitors
- Impact Assessors
- Global System Architect

- Data Integration Manager
- Inflectionists – Those who can pinpoint the optimal intersection of time, place, and information for change to occur.
- Fear Containment Managers
- Privacy Theorists, Philosophers, and Ethicists

The Sharing Economy

- The sharing economy is creating some amazing business models around the use of “other people’s stuff.”
- Sharability Auditors – People who analyze homes and businesses for sharable assets.
- Corporate Sharing Managers
- . Opportunity Spotters
- . Impact Assessors
- . Involvement Specialists

The Quantified Self

The “quantified self” is all about building a measurable information sphere around each of us. As we get better acquainted with the Delphic maxim “know thyself,” we will become far more aware of our deficiencies and the pieces needed to shore up our shortfalls.

- . Quantified Self Assessment Auditors
- . Data Contextualists
- . Deficiency Analyzers
- . Skill Quantifiers
- . Bio-Waste Optimizers
- . Guardians of Privacy

Future Sports

Sports have become the ultimate form of storytelling. Each contest is a test of the human spirit, with good guys and bad guys pairing off, amidst great drama, as contestants test their limits overcoming adversity, to achieve an unknown outcome. And all of this is happening in real time.

- . Simulation Specialists
- . Genetic Modification Designers and Engineers
- . Body Modification Ethicists
- . Athlete Qualification Analyzers
- . Cradle to Grave Lifecycle Managers
- . Super Baby Designers
- . Super Baby Psychologists
- . Super Baby Advocates

Commercial Drone Industry

The U.S. Congress has mandated the FAA develop a plan to incorporate drones into national airspace by Sept. , . Many in this new industry are chomping at the bit to get started.

- . Drone Classification Gurus – Different laws will apply to different classifications of drone vehicles.
- . Drone Standards Specialists
- . Drone Docking Designers and Engineers
- . Operator Certification Specialists
- . Environmental Minimizers – Sound diminution engineers, visual aesthetic reductionists, etc.
- . Drone Traffic Optimizers
- . Automation Engineers
- . Backlash Minimizers – Ever-new technology has its detractors, this perhaps more than most.

Our Trillion-Sensor Future

Industry experts are now projecting that we will reach trillion sensors in the world by , and trillion by .

- . Sensor Inventors, Designers, and Engineers
- . Data Stream Organizers
- . Failure Point Assessors
- . Data Transmission Optimizers
- . System Anthropologists
- . Data Actuaries
- . Last Milers – People who specialize in bridging the gap between where the data fields end and the user communities begin.

Internet of Things

Seventy-five billion is the number of devices that Morgan Stanley has calculated will be connected to the Internet of Things by . That's . devices for every one of the billion people that will be on earth in only seven years. IBM even created a starter kit to help people get started.

- . Locationists – People who specialize in adding the relevance of “place” to our global online communities.
- . Lifestyle Auditors
- . Efficiency Consultants
- . Ownership Network Setup Specialists – Everything people own over a certain value can be tagged, tracked, and monitored.
- . Augmented Reality Architects – Much like the paint we put on houses and the flavorings we add to food, the future will seem boring if our reality hasn't been augmented in some way.
- . Avatar Relationship Managers – As the foibles of humanity enter the realm of autonomous, freethinking avatars, people will find it necessary to both manage and limit the often-dangerous relationships avatars get themselves into.

Big Data

Social media, blogs, web browsing, and company's security systems are all generating enormous

quantities of data, and it all needs to be stored, managed, analyzed, and protected.

- Data Interface Mavens
- Opportunity Spotters
- Waste Data Managers – To insure data integrity in today’s fast evolving information storage industry, multiple redundancies have been built into the system. Achieving more streamline data storage in the future will require de-duplication specialists who can rid our data centers of needless copies and frivolous clutter.
- Computer Personality Designers – Talking back and forth to a computer that has a machine-like voice is boring. But being able to download specific “personality packages” will add an entirely new level of engagement for basement-dwellers everywhere.
- Data Hostage Specialists – Holding people as hostages is very messy. But holding data hostage is a less-risky crime that can be done remotely, and has the potential for far greater rewards.
- Smart Contact App Developers – Smart contact lenses superimpose information on the wearer’s field of view.

Crypto Currencies & Alternative Financial Systems

In the entire world was beginning to panic as our global financial systems teetered ever so close to total meltdown. Major banks were either failing or near failure, and the entire house of cards seemed to be one -of-Clubs away from becoming a meaningless flat stack in the middle of the table. Out of this growing distrust of banks, Wall Street, and our entire monetary system, the age of crypto currencies was born.

- Crypto Currency Bankers, Regulators, and Lawyers
- Currency Adoption Specialists
- Anonymity Advocates
- Theft Recovery Specialists
- Crypto Currency Theorists, Philosophers, and Evangelists
- Currency Strategists
- Monetary Exchange Interface Experts
- Standards Developers
- Lending Tacticians
- Seed Capitalists – In the startup business world there is a huge gulf between initial concept and fundable prototypes. This dearth of funding options will require an entirely new profession.
- Privacy Managers – If you think you have lost most of your privacy already, we’ve only scratched the surface. We are all terminally human, and as such, we do not always make good decisions. Striking the perfect privacy-transparency balance will require far more than amateur insights. It will require privacy professionals.
- Secondary Opportunity Maximizers

Micro Grid Conversion

Over the coming years, the national electric grid will be broken into a series of micro grids.

- Micro Grid Strategists
- Mass Energy Storage Developers – We are still terrible at storing energy from one day to the

next. Once mass energy storage systems are developed, micro grids become infinitely more viable.

- System Transitionists
- Power Conversion Specialists
- Efficiency Optimizers
- Benefits Translators
- Secondary Opportunity Expansionists
- Backlash Minimizers

Contour Crafted Houses

Many people think of contour crafting as 3D printing for houses, but Professor Behrokh Khoshnevis from the University of Southern California sees it as much more. In addition to its ability to print an entire house in less than a day, it can be used to eliminate slums, help rebuild areas after a natural disaster, and even build large buildings and luxury homes with custom architectural features that can be changed with only a few clicks of a mouse.

- Construction Material Designers
- Structural Engineers
- Site Planners
- Setup Teams
- Tear-Down Teams
- Cleanup Teams

Driverless Everything

Driverless technology will initially require a driver, but it will quickly creep into everyday use much as airbags did. First as an expensive option for luxury cars, but eventually it will become a safety feature stipulated by the government.

Over the next years we will see the first wave of autonomous vehicles hit the roads, with some of the first inroads made by vehicles that deliver packages, groceries, and fast-mail envelopes.

- Delivery Dispatchers
- Traffic Monitoring System Planners, Designers, and Operators
- Automated Traffic Architects and Engineers
- Driverless “Ride Experience” Designers
- Driverless Operating System Engineers
- Emergency Crews for when things go wrong.

Bio-Factories

Based on using living systems, “bio-factories” represent a new process for creating substances that are either too tricky or too expensive to grow in nature or to make with petrochemicals. The rush to develop bio-factories as a means for production not only promises to revolutionize the chemical industry but also transform the economy. Hundreds of products are already in the pipeline.

- Nano-Medics – The medical problems most people have can be traced to a single cell or a small group of them. Health professionals capable of working on the nano-level, both in designing diagnostics systems, remedies, and monitoring solutions will be in high demand.

- Bio-Factory Doctors, Strategists, and Developers
- DNA Scientists
- Gene Sequencers
- Treatment Monitors

Micro-Colleges

The systems used to create colleges centuries ago seems justifiably primitive by today's standards. Learning formulas for nearly every degree are based on hours, one of the least important considerations when it comes to assessing talent. Colleges today cost far too much, and they take far too long. For this reason, a new wave of full-immersion skill training centers, or Micro Colleges, has begun to emerge.

- School Designers
- Policy Advisors
- Career Transitionists
- Goal Counselors
- Student Relationship Managers
- Student Mentors, Coaches, and Counselors

Senior Living

With almost, Americans turning every day, the number of seniors who need specialized housing will only increase the need for more options and better solutions.

- Legacists – Managing people's legacy
- Lifestyle Housing Designers
- Aging Specialists
- Situational Therapists
- Life-Stage Attendants
- Memorial Designers
- Octogenarian Service Providers – As the population continues the age we will have record numbers of people living into their 80s, 90s, and 100s. This mushrooming group of active oldsters will provide a demand for goods and services currently not being addressed in today's marketplace.

Future Agriculture

When people think of farming, they typically conjure up images of a tractor cresting a hill billowing large plumes of exhaust into the air. This image will become a distant memory as automated machines, drones, and swarmbots enter the pictures. As with all industries, there are many micro-forces driving the changes in future agriculture. But there are three dominant trend lines – precision, relevance, and control – that will be driving this industry.

- Plant-Jackers and Tree-Jackers – Plant and tree alteration specialists, who manipulate growth patterns, create grow-to-fit wood products, color-changing leaves, personalized fruit, etc.
- Molecular Gastronomists
- Bio-Meat Factory Engineers

- Supply Chain Optimizers
- Urban Agriculturalists – Why ship food all the way around the world when it can be grown next door.
- Bio-Hacking Inspectors and Security
- Swarmbot and Drone Operators and Managers
- Plant Educators – An intelligent plant will be capable of re-engineering itself to meet the demands of tomorrow’s marketplace. Plant educators will not work with lesson plans or PowerPoint presentations, but the learning process will be even more effective.
- Plant Psychologists & Plant Therapists – As we mess with the “minds” of the plants, there will invariably be any number of unplanned reactions.

The Dismantlers

Over the coming years will see a number of industries dismantled, and this will require a skilled workforce of talented people who can perform this task in the least disruptive way. It’s easy to spot these industries by their aging systems, facilities, and infrastructure. In many cases they have become unnecessary and unsustainable in the future, and will be scaled back to a fraction of their current size.

- Prison System Dismantlers – Details here.
- Hospital and Healthcare Dismantlers – Details here.
- Income Tax System Dismantlers – Details here.
- Government Agency Dismantlers – Details here.
- Education System Dismantlers – Details here.
- College and University Dismantlers – Details here.
- Airport Security Systems Dismantlers
- Airport Customs Dismantlers

Extreme Innovation

Outside of the multiple categories listed above are a number of unusual jobs, many still decades away. Here are just a few to whet your appetite.

- Extinction Revivalists – People who revive extinct animals.
- Robotic Earthworm Drivers – The most valuable land on the planet will soon be the landfills because that is where we have buried our most valuable natural resources. In the future, robotic earthworms will be used to silently mine the landfills and replace whatever is extracted with high-grade soil.
- Avatar Designers – Next generation avatars will become indistinguishable from humans on a two-dimensional screen. However, avatars will only live in the computer world for a short time longer. It is only a matter of time before they emerge from the computer and appear as visual beings, walking around among us. Once an avatar goes through the radical metamorphosis from an image that we see on a screen to a three dimensional being that joins us for dinner, carries on conversations with our friends, and serves as a stand-in for us at meetings, we will see work start on an even more realistic avatar, one that we can touch.
- Gravity Pullers – The first wave of people to unlock the code for influencing gravity.
- Time Hackers – If we think cyber terrorists are a pain, it will seem like nothing compared to devious jerry-riggers who start manipulating the time fabric of our lives.

- Clone Ranchers – Raising “blank” humans will be similar in many respects to cattle ranching. But once a clone is selected, and the personality download is complete, the former clone will instantly be elevated to “human status.”
- Body Part & Limb Makers – The Organ Agents listed above will quickly find themselves in a different line of work as soon as we figure out how to efficiently grow and mass produce our own organs from scratch.
- Global System Architects – Our systems are transitioning from national systems into global systems. Architects of these new global systems will play a crucial role in future global politics.
- Memory Augmentation Therapists – Entertainment is all about the great memories it creates. Creating a better grade of memories can dramatically change who we are and pave the way for an entirely new class of humans.
- Time Brokers – Time Bank Traders – Where do you go when you run out of time? Naturally, to the time-bank, and take out a time-loan.
- Space-Based Power System Designers – At some point, the burning of earth’s natural resources for power will become a thing of the past. Space-based systems will capture and transmit power far more efficiently than anything currently in existence.
- Brain Quants – Where the stock market manipulators of the past meet the brain manipulators of the future to usurp control of marketing and messaging on Madison Avenue.
- Nano-Weapons Specialists – Many of the weapons of the future will be too small to be seen by the human eye.
- Lip Designers – If you could have any lips in the world, what would they look like?
- Earthquake Forecasters – Everything we know about the inside of the earth has been developed through indirect evidence. We have no maps of the center of the earth. We have no accurate diagrams, no understanding of motion, fluidity, or changes happening with any degree of accuracy. While scientists are developing skills to work with nanoscale precision on the earth’s surface, the best we can muster below the surface is blindfolded guesswork done with -mile precision.
- “Heavy Air” Engineers – Compressed air is useful in a wide variety of ways. However, we have yet to figure out how to compress streams of air as they pass through our existing atmosphere. Once we do, it will create untold opportunity for non-surface based housing and transportation systems, weather control, and other kinds of experimentation.
- Amnesia Surgeons – Doctors who are skilled in removing bad memories or destructive behavior.
- Geoengineers – Weather Control Specialists – We are moving past the age of meteorology and climatology to one where the true power-brokers will wield the forces of nature.