7 Jobs Intelligent Robots Will Take First (Some Will Surprise You) Bernard Marr Contributor Hold onto your white collars, because the robotic revolution is going to cause the biggest transformation in the world's workforce since the industrial revolution, and are 7 jobs intelligent robots have firmly in their sight. While many of us are excited about the future and the conveniences intelligent algorithms and robots may provide in our lives, 80% of Americans believe their job will "probably" or "definitely" exist in its current form within the next 50 years even though in the same study 2/3 of Americans think robots will perform most of the work currently done by humans. Clearly, many of us are overly optimistic about our future selves and careers. And, be forewarned, the jobs predicted to be taken first aren't just entry-level service or manual labor jobs. And, the robotic revolution is happening now. By 2020, according to a World Economic Forum report, robotic automation will be responsible for a net loss of more than 5 million jobs across 15 developed nations.

Worldwide Robotics 2017 Predictions report, the authors suggest dramatic changes in the workforce and our cultures due to robotic innovations including **new laws, new roles such as chief robotics officer and new ways of working alongside not only human colleagues but robotics ones as well**. Here are the 7 jobs intelligent robots will want to take soon.

Truck drivers There might be 3.5 million truck drivers in the United States today, but if the prediction of McKinsey comes true that in under a decade one-third of all trucks on the road will drive themselves, they better start training for a new job. Otto Motors, a start-up with Uber financial backing and former Google AI professionals as founders, has the "ultimate goal of making human driving obsolete" and is on the path to achieving it with its auto-drive trucks.

Construction workers| SAM (Semi-Automated Mason) is two to three times more productive than human bricklayers with a daily output of 1,200 bricks compared to 300 to 500 per human. This is just the start of automation in construction. Crane operators and Shutterstock 2/27/2019 bulldozer drivers should prepare for intelligent machines to take over their jobs quite soon.

Legal support staff According to the Deloitte Insight report,39% of jobs in the legal sector stand to be automated by 2020. Reviewing documents and finding relevant supporting information for legal cases are tasks well-suited for the capabilities of artificial intelligence. For now, the AI infiltration is reserved for due diligence, electronic discovery and contract review, but expect more to come in the near future.

Medical professionals and doctors|Robo-docs are actively working today. And, they will fill a critical need to provide medical care to a booming world population as the supply of medical professionals struggles to keep up with the demand. IBM's Watson is already teaming up with medical organizations to help detect and treat cancer. Robots are also strong at diagnostics and surgery.

Accountants Crunching numbers, balance sheets, accounts payable and receivable, profit and loss assessments, inventory tracking—these are all tasks robots are proficient at and in many cases they are better at them than humans. Expect significant growth in robo-accounting in the next few years. **Financial analysts'** jobs are also in jeopardy, because AI financial analysis is able to spot a trend faster and more accurately.

Report writers our novelist friends may still have a job, but report writers and financial writers that assess information and then write about it are probably in jeopardy. Machines are being taught and they are becoming proficient at how to create very readable content.

Salespeople As consumers rely more on ecommerce and are adept at searching based on price, specifications and availability for any item they wish to acquire, the salesperson is getting squeezed out of the equation.

Technology is changing rapidly so any one of these jobs might win the unfortunate race to oblivion.

If you're a professional listed above, don't despair. Even though the job as you know it today may no longer exist in the world of tomorrow, **there's a high probability that a role that doesn't exist today will be created and you might be the perfect fit** for. None of our grandparents were data scientists or app designers, were they?

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IDC Unveils its Top 10 Predictions for Worldwide Robotics for 2017 and Beyond

IDC predicts 35% of leading organizations in logistics, health, utilities, and resources will explore the use of robots to automate operations by 2019

SINGAPORE, December 07, 2016 – IDC Manufacturing Insights Worldwide Commercial Robotics program published its latest report titled *"IDC FutureScape: Worldwide Robotics 2017 Predictions* " and highlights the key drivers for robotics and how these are likely to shape the development of robotics in the planning horizon of 2017 through 2020.

"Technological development in artificial intelligence, computer vision, navigation, MEMS sensor, and semiconductor technologies continue to drive innovation in the capability, performance, autonomy, ease of use, and cost-effectiveness of industrial and service robots," says Dr. Jing Bing Zhang, Research Director, Worldwide Robotics and Asia Pacific Manufacturing Insights, IDC Asia/Pacific.

Zhang also revealed the strategic top predictions and major robotics trends that are set to present opportunities and challenges to IT leaders in 2017 and beyond.

Prediction 1: Robot as a Service. By 2019, 30% of commercial service robotic applications will be in the form of a "Robot as a Service" business model, reducing costs for robot deployment.

Prediction 2: Chief Robotics Officer. By 2019, 30% of leading organizations will implement a chief robotics officer role and/or define a robotics-specific function within the business.

Prediction 3: Evolving Competitive Landscape. By 2020, companies will have a greater choice of vendors as new players enter the US$80-billion ICT market to support robotics deployment.

Prediction 4: Robotics Talent Crunch. By 2020, robotics growth will accelerate the talent race, leaving 35% of robotics-related jobs vacant while the average salary increases by at least 60%.

Prediction 5: Robotics Will Face Regulation. By 2019, the Government will begin implementing robotics-specific regulations to preserve jobs and to address concerns of security, safety, and privacy.

Prediction 6: Software Defined Robot. By 2020, 60% of robots will depend on cloud-based software to define new skills, cognitive capabilities, and application programs, leading to the formation of a robotics cloud marketplace.

Prediction 7: Collaborative Robot. By 2018, 30% of all new robotic deployments will be smart collaborative robots that operate three times faster than today's robots and are safe for work around humans.

Prediction 8: Intelligent RoboNet. By 2020, 40% of commercial robots will become connected to a mesh of shared intelligence, resulting in 200% improvement in overall robotic operational efficiency.

Prediction 9: Growth Outside Factory. By 2019, 35% of leading organizations in logistics, health, utilities, and resources will explore the use of robots to automate operations.

Prediction 10: Robotics for Ecommerce. By 2018, 45% of the 200 leading global ecommerce and omni-channel commerce companies will deploy robotics systems in their order fulfilment warehousing and delivery operations.

"Robotics will continue to accelerate innovation, thus disrupting and changing the paradigm of business operations in many industries. IDC expects to see stronger growth of robotics adoption outside the traditional manufacturing factory floor, including logistics, health, utilities and resources industries. We encourage end-user companies to embrace and assess how robotics can sharpen their company's competitive edge by improving quality, increasing operational productivity and agility, and enhancing experiences of all stakeholders," ends Zhang.