Digital Technologies in Education

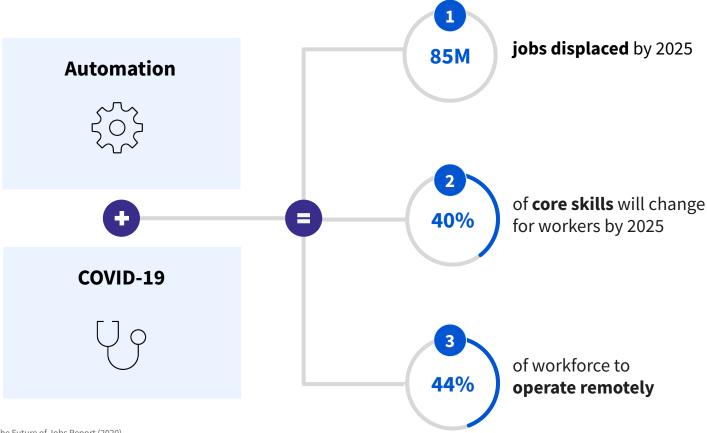


Eduard KanBusiness Development Director,
Central Asia





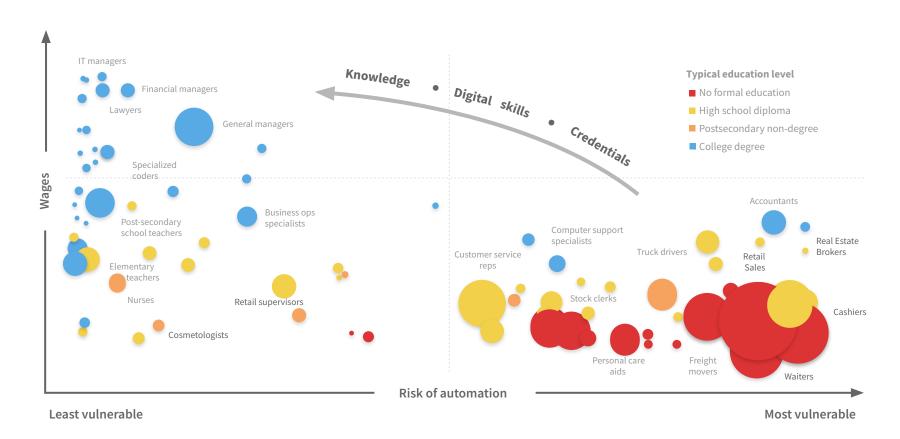
The pandemic triggered a 'double disruption' in the world



Source: WEF The Future of Jobs Report (2020)



1 Low-skilled jobs are at the **risk of automation**





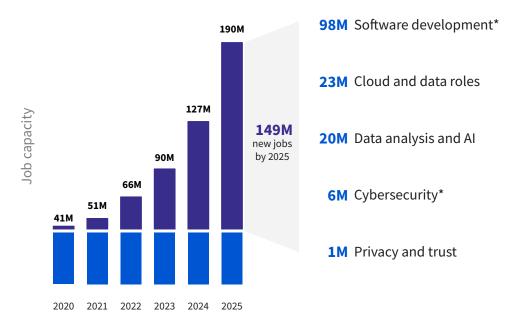
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Most emerging job opportunities require digital skills

Top 10 jobs with increasing demand

- 1 Data Analysts and Scientists*
- 2 AI / ML Learning Specialists
- 3 Big Data Specialists
- 4 Digital Marketing and Strategy Specialists*
- **5** Process Automation Specialists
- 6 Business Development Professionals*
- 7 Digital Transformation Specialists
- 8 Information Security Analysts*
- 9 Software / Application Developers*
- 10 Internet of Things Specialists

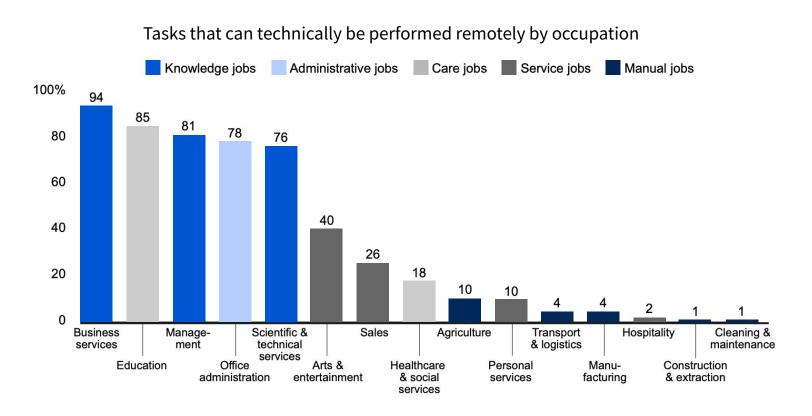
Digital job capacity from 2020-2025



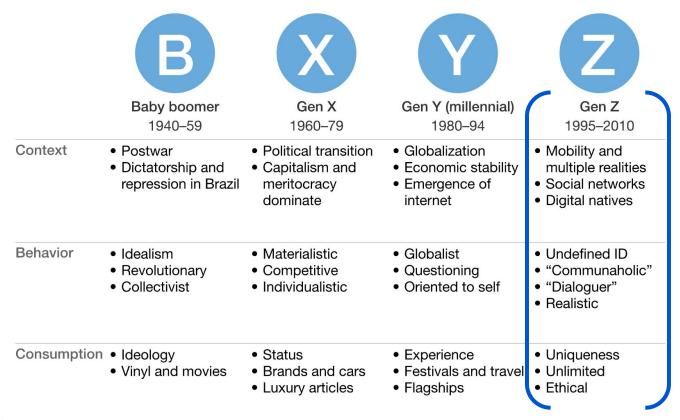
Note: Asterisk denotes entry-level jobs as calculated using Burning Glass data as of April 20, 2022 Sources: WEF, Future of Jobs Report, Oct. 2020; Microsoft Data Science, June 2020

3

Demand for skills is driving **remote work across industries**



Today's young people differ from yesterday's



Source: McKinsey Research, 2018



"[There is a] **mismatch** between the skills that are coming out of colleges and what the skills are that we believe we need in the future."



Tim Cook, CEO, Apple

Sustainable student recruitment has never been more pivotal

Increasing **student enrollment** is becoming increasingly competitive.



Student decision-making has changed

The ROI of a degree program is now a key priority when choosing a university.

Traditional recruitment methods no longer work.

92[%]

Of international students said **employability skills** was either "very important" or "important" when choosing a university in the UK.

#3 most important factor

Career preparation is **the 3rd most important factor** in university choice, after academic strength and affordability.

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Employability drives enrollment

73%

of students surveyed said an important factor of their post-high school path was whether there is a **direct path to a career**.

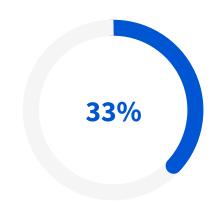
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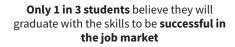
International students who feel their courses have not covered employability skills are two times more likely to pick a **different institution** to do the **same course**

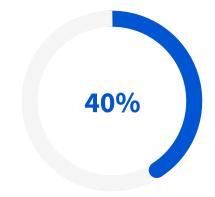
Source: ECMC, 2021, HEPI, pg 15

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Universities can do better







Only 4 in 10 students feel very or extremely prepared for their future careers

Sources: Strada-Gallup 2017 College Student Survey, McGraw Hill 2018 Future Workforce Survey

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Industry is taking note, and pushing some students to go beyond degree programs to increase career prospects

The future is less about credit accumulation and much more about skill **acquisition**, which puts us in a good place to marry career technical education with new pathways to careers.

- Madeline Pumariega, president of Miami Dade College

Less than half of students are considering attending a four-year college, which is down 23 % from May 2020 (71% -> 48%)

58%

of high schoolers surveyed in 2021 believe a skill-based education (e.g., trade skills, nursing, STEM, etc.) makes sense in today's world

Source: Fast Company 2021, ECMC 2021



What is the best path forward to attract career-focused students?

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Thank you!

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