

Forum on Parents and Schooling

Thursday, 31 August 2017
Ballroom 3, Level 3
Orchard Hotel Singapore



PANEL IV The Future Education Landscape

PRÉSENTATION BY Dr Lim Lai Cheng Executive Director SMU Academy





CIPD, 2016

MEGATREND

DIGITAL TECHNOLOGY IS DISRUPTING THE STATUS QUO IN EVERY INDUSTRY

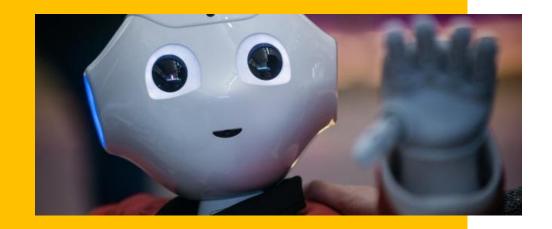
- Up to 47% of jobs (15 mil) could be automated within 20 years
- Intelligent machines will outnumber humans by 2030
- Top 10 in demand jobs in 2010 did not exist in 2004
- 65% of school children today will end up doing jobs not yet invented



THE 5 JOBS THAT ROBOTS WILL TAKE FIRST

Digital Age, 27 Feb 2017

- Middle Management
- Sales People
- Journalists, Report Writers, Announcers
- Accountants & Bookkeepers
- Doctors



Shelley Palmer, Top 10 LinkedIn Voices

JOB LOSSES

	Job	Probability
	Telemarketers	0.99
PROBABILITY THAT TECHNOLOGY WILL LEAD TO JOB LOSSES WITHIN THE NEXT 2 DECADES	Accountants & Auditors	0.94
	Retail Salespersons	0.92
	Real estate sales agents	0.86
	Word processors and typists	0.81
	Commercial pilots	0.55
	Economists	0.43
	Health technologists	0.40
	Chemical engineers	0.02
The Economist, 2013	Clergy	0.008
	Dentists	0.004
	Recreational therapists	0.003

WARNING!

The Straits Times, 16 Feb 2016

NO JOB SAFE FROM ROBOTS, SCIENTISTS AT AAAS WARN Drivers, caddies, sex workers - scientists warn that no job category will be safe from takeover by robots as rapid developments in artificial intelligence (AI) threaten a new era of mass unemployment.



UNCOLLEGE

HACK YOUR EDUCATION

Anti-college activism:
The growing movement against the four-year degree



Dale Stephens, Founder

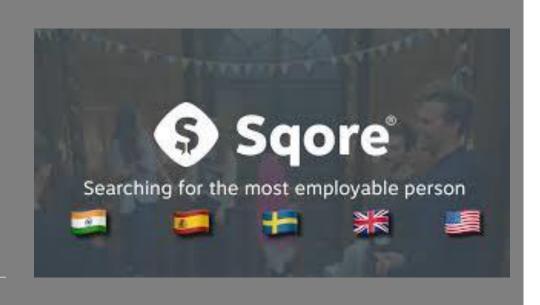
FUTURE OF CREDENTIALS

MICROCREDENTIALING
DIGITAL
BADGING &
NANODEGREES

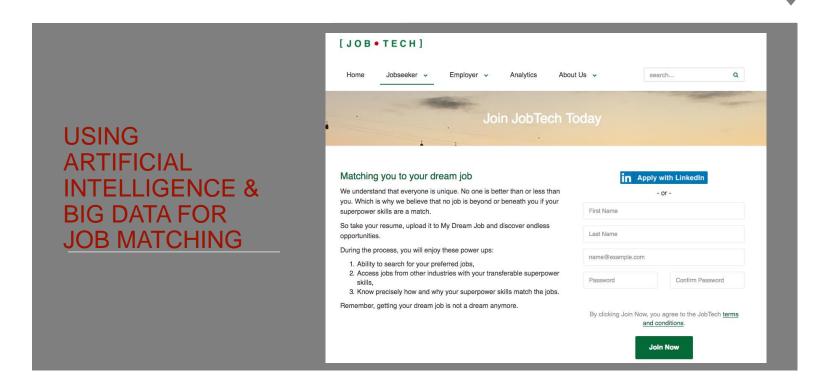


FUTURE OF TALENT SEARCH

ONLINE
CHALLENGEBASED SKILLS
TESTING &
COMPETITONS
FOR UNBIASIED
RECRUITMENT



FUTURE OF TALENT MATCH



FUTURE OF TALENT MATCH

USING ARTIFICIAL INTELLIGENCE & BIG DATA FOR JOB MATCHING

Entry	Entry Level		Profes	Professional Level		
Тор	Company	Jobs	Тор	Company	Jobs	
1	CJH Inspire Advisory Group	20	1	DBS Bank Limited	17	
2	United Overseas Bank Limited (UOB)	19	2	OCBC Bank (Singapore)	16	
3	DBS Bank Limited	9	3	United Overseas Bank Limited (UOB)	15	
4	OCBC Bank (Singapore)	7	4	NTUC Income Insurance Co-operative Ltd	5	
5	NTUC Income Insurance Co-operative Ltd	5	5	Maybank	5	
6	AXA Insurance Singapore	5	6	Financial Alliance Pte Ltd (TSL Group)	5	
7	Forte Partners	4	7	Sumitomo Mitsui Banking Corporation	5	
8	SJ GROUP	4	8	AXA Insurance Singapore	3	
9	Prudential	3	9	KGI Fraser Securities Pte. Ltd	3	
10	FORT FINANCIAL GROUP PTE LTD	3	10	RHB Bank Singapore	3	
Middle	e Management Level		Senio	r Management Level		
Тор	Company	Jobs	Тор	Company	Jobs	
1	United Overseas Bank Limited (UOB)	95	1	Citibank N.A.	74	
2	DBS Bank Limited	23	2	DBS Bank Limited	47	
3	Citibank N.A.	21	3	United Overseas Bank Limited (UOB)	40	
4	OCBC Bank (Singapore)	13	4	HSBC Limited	2	
5	CIMB Bank Berhad	9	5	MCK GROUP PTE LTD	1	
6	Maybank	7	6	CIMB Bank Berhad	1	
7	AXA Insurance Singapore	6	7	Citco Fund Services (Singapore) Pte Ltd.	1	
0	The Bank Of Tokyo-Mitsubishi UFJ, Ltd	6	8	Maybank	1	
8		-	9	Heng Lee Seng LLP	1	
9	Phillip Securities Pte Ltd	5	9	Herig Lee Serig LLF		



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