INDEX

Note: Page numbers followed by "n" indicate notes.

Agency	157, 163, 167,
conversion, 95	169–170, 172
e-Estonia government,	convergence, 28–33
127	crytpo and state, 24-28
theory, 135	economy, 32–33, 63, 70,
worker, 159	107–109, 119–120
Agent-based failings, 136	implications, 17-24
Airbnb, 35, 56, 59 <i>n</i> 1	multiple role work,
Algorithmic thinking, 80	100–103
Algorithmic welfare, 158	themes of work, 70–71
Algorithmically controlled	training, pay and
robo-advisors,	reward in, 115–117
48–49	transforming work into
Algorithmising	microtasks, 63–69
process, 1–3	triumvirate, 29–31, 48
of tasks, 11	and work, 9-28
Algorithms, 3, 10–11,	worker, 71–72
29, 48–52, 160,	alt coins, 142
168–169	Amara's Law, 119
and automation, 30, 38	Amazon, 56, 75
highly multi-process	Artificial credit expansion,
role, 101	97
and work, 11-12	Artificial intelligence (AI),
Algorithms, blockchain	3, 11, 63, 111,
and cryptocurrency	117–118, 128–129
(ABC), 9, 38, 63,	AI-enabled oracles, 133

Assets of businesses, 152	commoditisation, 145
AT&T, 55	contract, 146-147
Austrian theory, 98	corporate non-sovereign
Automatic teller machine	currencies, 152–153
(ATM), 73, 80	multicurrency post-gig
Automation, 4, 36–38,	economy, 160-162
59, 70, 101, 118,	nationalisation of
170–171	labour, 151-152
algorithms and, 30	option, 147–148
anxiety, 114, 118	speculator, 148-149
policing jobs, 110	taxation of future
risk, 113, 174	worker, 153–155
smart contracts and, 163	unions, 150–151
AXA Global, 50	Vilfredo Pareto and
	future worker,
Back-office' functions of	155–158
algorithms and	welfare state for future
blockchain, 3	worker, 158–160
Banks, 73–74	Bitworker(s), 33, 36, 53, 64,
credit creation, 90	117–120, 123, 146
of England, 36, 45, 47	challenges for
killers, 42	organisations to
Big 4 Firm	adapting, 132–137
Pricewaterhouse	getting work done,
Coopers, 36	hiring, 123-128
Biometrics, 44	profit and power in
Bit task, 126, 146-147	Bitwork world,
engagements, 159	137–142
Bitcoin (see also	Pros for Bitwork,
Cryptocurrencies),	128–132
13–14, 17–18, 22,	Bitworking, 11, 33
42, 46, 48, 125,	Blockchain, 1, 30–31,
141–142	42–44, 98, 110, 169
Bitcoin White Paper, 13	back-office' functions of
Bitwork, 30, 33, 79,	algorithms and, 3
128–132	blockchain-based Trade
Bitworker economy	Union Movement,
management	52

1.11121.11	2.75
blockchain-enabled world, 42–43	cryptocurrency, 2, 75, 171–173
ethereum, 129	
	cryptos, 172
platform, 148	non-sovereign
system, 124	currencies, 152–153
technology, 124, 154	Corporate-issued
Brexit, 21	non-sovereign
C.11	coins, 142
Call option, 144 <i>n</i> 10	currencies, 141
Capital, 36	Credit crunch, 82–83
theories, 88	Credit Suisse, 58
Cashless	Crime lag, 136
economy, 73–74	Cross-functional skills, 49
society, 73	Cryptocorps, 19
Central Bank and Tax	Cryptocurrencies (see also
Authority, 77	Bitcoin), 1, 28,
Central bank digital	44, 76, 131, 133,
currency (CDBC),	141–142, 157,
45, 47–48, 142, 154	169–170
Ceteris paribus, 93	effect of, 2
China National petroleum	benefits of, 47–48
Corporation, 138	ecosystem, 18
Collateralised debt positions	Facebook's, 85
(CDPs), 131	first generation, 2,
COMEX, 126	77–78
Commodity	fixing system, 98–99
money, 79	framework, 77
prices, 150	monetary system, 153
Complex microtasks, 108	proposition, 23
Contact-oriented	second generation, 2
professions, 126	stablecoin, 100
Contactless payments, 73	Cryptocurrency Ethereum
Corporate	Classic (ETC),
coins, 72	143 <i>n</i> 2
corporate-crypto-coins,	Cryptography, 14, 43
19–22	Cryptos, 2
corporate-issued	and state, 24-28
cryptocurrencies, 19	true decentralised, 172

Currency (see also Cryptocurrencies), 140 Custodian bank option, 100	EnergiMine, 43 Ether Delta, 124 Ethereum, 50 blockchain, 129 Eventsionary, cycle, 90
Data exploitation, 171 Decentralisation	Expansionary cycle, 90 Experiential shopping, 165–166
organisation, 143 <i>n</i> 6 cryptocurrencies, 141 exchange (DEX), 124	Facebook, 56 cryptocurrency, 85 currency plans, 21
financial solution (<i>DeFin</i> solution), 125	electronic wallet, 87 Libra currency, 19–21, 23, 44, 56, 85,
information economy, 43–46	141–142, 171, 178 Facebook Bank, 22 Federal Reserve (FED), 94
labour exchanges (DLEXs), 125, 136, 138, 140, 146, 158	Financial innovation, 79–87
of money, 87 Deflation, 105 <i>n</i> 11, 106 <i>n</i> 15	products, 146 services, 46
Democratic system, 113 Denationalisation of money, 97–98	system, 99–100 Financial Services Authority (FSA),
Digital nomad trend, 126–127	104 <i>n</i> 3 Financial Services Conduct
professions, 126 systems, 39	Authority (FCA), 46 Financial technology
Digital Cooperative (DCOP), 52–54, 124,	(FinTech), 5–6, 81–82, 84, 120
137, 147, 149, 157	First generation cryptocurrency, 2,
e-Estonia government agency, 127	77–78 Fourth Industrial
East Asian Financial Crisis, 94	Revolution, 39–40, 43
Employment Rights Act (1996), 57	Fractional reserve banking (FRB), 88

Future worker Taxation of, 153–155	IAS 12 Deferred Tax Assets and Liabilities, 155
Vilfredo Pareto and, 155–158	Impartial smart contract,
Welfare state for, 158–160	Individual Strategic Business Unit, 127
130 100	Individual(s), 149
Game theory, 151	investing in gold, 27
Genesis Block, 42	railway company, 27
Geni Coefficient, 59n2	Industrial Revolution,
Gig economy, 51, 53, 159	5, 110–113, 115,
Globalisation, 145	163–164
Globalised market place, 7	Insurance, 149
"Gone" concept, 36, 42,	payments, 50
80–81	Internal cryptocurrency, 20
Google, 57, 138	International Accounting
Google Now, 49	Standard (IAS), 150
Government policy, 21	Internet, 35–38
Grocery Payment Apps,	algorithms, 48–52
75	CDBC, 47–48
Gross domestic product	DCOP, 52–54
(GDP), 40	decentralised
, , , ,	information
Hayekian Business Cycles,	economy, 43–46
88	disruption, 36, 38
Hierarchical for-profit	Fourth Industrial
labour exchanges,	Revolution, 39-40
138	supply chains, 40-43
Historical bubbles, 27	Too Big to Fail analogy,
HMRC, 57, 86, 125	55–58
self-assessment service,	Internet of Things, 133,
65	154
Human resource	Investment banks, 137
departments (HR	IRS, 125
departments),	
132–133	Job
Hypothesised OAT drag,	for life, 36
136	losses, 41

JPM Coin (JP Morgan), 44	Master cryptocurrency, 26 Master digital currencies, 25
Know Your Client (KYC),	Microtasks, 11, 16, 71–72,
124	101, 107–108, 110
124	
I .1 26	ABC transforming work
Labour, 36	into, 63–69
marketisation of, 158	themes of, 64
nationalisation of,	Mises' theory of economic
151–152	impossibility of
party, 151	socialism, 97
replacing technology,	Mobile phone payments,
112–113	84
workers, 161	Monero, 46, 60 <i>n</i> 7
Landbanking, 133,	Money, 76–78, 95–96,
143 <i>n</i> 7–144	113, 130
Libra (Facebook), 23, 85,	commodity, 79
171, 178	decentralisation of,
coin, 56	87–88
currency, 19–21, 44, 56,	denationalisation of,
141–142	97–98
Libra Council, 56	evolution, 141, 165
LinkedIn, 133	market produced, 93
plus type system, 126	Multicurrency post-gig
profile, 101	economy, 160–162
London School of	•
Economics, 41	National Health Service,
,	138
M-Pesa, 82	Nationalisation of labour,
Machine learning, 63, 111,	151–152
116	
MAKR's © DAI stablecoin,	O*NET Content Model, 49
131–132	Online marketplaces, 103
Market	Online shopping
capitalisation, 60n3	experiences, 74
pricing of labour, 145	Online work and
produced money, 93	decentralisation
Marketisation, 150	of currency and
of labour, 158	information, 7
01 1400419 100	111101111111111111111111111111111111111

Operational agency theory Quantitative easing, 21 Quantum computing, 157 (OAT), 136 Quasi-regulated Pareto Effect, 156 environment, 46 'Pay as you earn' income tax, 45 Real estate investment Pay in ABC world, trusts, 132 115-117 Regional Bell Operating People's Bank of China Companies, 55 (PBOC), 45, 47 Regulator recapture, Platform likelihood of, 40 businesses, 35, 56, 59n1 Remuneration, 133 platform working, 6–7 Repetition, 10 platform-based self-Reward in ABC world, employment, 1 115 - 117Ricardo effect, 90, 92, Policy, 173 prescriptions, 33 105n5Political ideology, 65-66 Rise of The Freelancer Populist movements, 41 Economy, The (Rashid), 53 Post-gig economy, 128, 137 Robotics, 11 Post-Industrial Revolution, Roy Amara's Law, 58 5, 120 Second generation Pound Stirling, 25–26 Power in Bitwork world, cryptocurrency, 2 Self-employment, 63, 137 - 142101-103 Pre-crypto reform, 93–98 Pre-Industrial Revolution Single cryptocurrency, 31 idea of work, 6 Smart contract, 15–16, 60n9, 102-103, Private property, 94, 106n12129, 143*n*6 Profit in Bitwork world, Sovereign Currency Act, 137 - 142139 Profit-making Stablecoin, 143*n*5 organisation, 29 cryptocurrencies, 100 State-level innovations, 46 Pseudo-anonymous State-supported systems, 125 Pseudo-organisation, 42 cryptocurrency, 26

Stateless cryptocurrencies,	Training in ABC world,
26	115–117
Subscription services, 74	Transparency, 78
Supermarkets, 133	Triumvirate, 55, 127, 129,
Supertrend, 38	134, 137–138, 145,
of hyper-globalisation,	156–157, 162
57	ABC, 29–31, 48
	True decentralised cryptos,
Taxation, 24	172
of future worker,	
153–155	Unionisation, 171
issues, 25	United Kingdom (UK)
TechFin, 5–7, 120	Financial Services
Technological/technology,	Compensation
117	Scheme, 23
barter process, 25	National Insurance
change, 178–179	System, 172
enhancements,	United States (US)
145	Department for
evolution, 157	Educational
firms, 57	Statistics, 134
or financial firms, 22	House of
replacements, 111	Representatives, 21
taxes, 114	University of Oxford, 37
technology-enabled	•
shift, 134	Vilfredo Pareto and future
Temporal nature of	worker, 155-158
productive process,	
92	WeBank, 103
Tesla, 138	Welfare state, 159
The New York Mercantile	for future worker,
Exchange, 126	158–160
Tokenisation, 145	Welfare system, 157–158
Too Big to Fail analogy	WeWork, 127
(Sorkin), 55–58	'Wisdom of crowds' effect,
Trade union membership,	42
52	Wonga (large payday loan
Trade unions, 149	providers), 131

Work, 107 Worker (see also Bitworker(s); from anywhere trend, 127-128 Bitworker economy Work future management; ABC economy, 107-Future worker), 16, 108, 110–115 71 - 72Bitworker, 117-120 agency, 159 economic infrastructure, disrupted, 51 109-110 (in)/ability of, 51 training, pay and labour, 161 reward in ABC Worrying hypothesis, 50 world, 115-117