Futures

Wildcards
- over-exuberance
- food shortage
- nations collapse into city-states
- biotech
- nanotech
- major social unrest
- sea level change
- genetic engineering
- prosthetics
- massive population change
- massive war/insurgencies
- peak oil, crops or water
- pandemic
- tech will make us more adaptive
- we'll learn resilience
- old-school tech will help us deal with catastrophe
- mesh networks will help mitigate disaster

Tech
- multi-person software interfaces for collaborative working
- human augmentation
- open source software
- commodity hardware
- development cycle shorter
- 3D printing
- web/data services
- tracking
- location data
- personalised manufacturing
- sensorweb
- structured mediation
- instrumentation of stuff
- dashboarding
- connecting objects to web (e.g. your house)
- geoservices
- monitoring systems
- capture wild information
- video becoming more mainstream
- search and archiving
- tech information filters
- thin clients & netbooks
- mesh networks
- pervasive metadata
- face recognition
- lower barrier to development
- item/landmark recognition
- human judgement married with tech
- biotech enhanced filters
- smart information collation

Politics
- collapse in faith in politics
- fragmentation of political blocks
- increased political engagement
- deliberative democracy
- public service cuts
- infrastructure
- elite power
- politics absorbs the net
- international tax

Trust
- Massive data loss through closure or deletion
- loss of trust in experts
- effects on identity
- who owns online spaces (or feels like they do)
- desire to share
- incentive systems for sharing not needed
- more granular control
- more public sharing
- reputation
- can record everything
- increase accountability
- sharing trumps privacy
- generation change - people expect connection
- value in connection
- privacy changes
- people are more available
- granular networks
- relationships

Business
- flexibility at work
- massive knowledge loss
- third of workforce retiring in 5 yrs
- asymmetric competition
- companies under threat engage with tech faster
- attitudes towards risk
- co-opetition
- adaptive
- competition vs collaboration
- federated
- contracts
- business becomes more cloud-like
- experimentation at the margins
- social software becomes mainstream in institutions
- contracts become pervasive
- failure seen as a learning experience
- start-ups don't need VCs

Cultural
- Collapse in faith in technology & science
- multi-culturalism
- relaxation of control
- marginalisation of dissent
- what is acceptable? expected?
- humans need to share
- global web => different dominant cultures => different needs
- global culture => different assumptions
- more sociable
- connecting with the marginalised
- return to conservatism
- God
- loss of local community
- communities of interest
- hyperinterest
- increasing exclusion
- alienation
- collective vindictiveness
- age-based digital divide will vanish

Spread
- mass adoption
- mass anonymisation (like Mechanical Turk)
- ubiquitous social software
- ubiquitous web
- there is no offline
- networked devices
- pervasive computing
- convergent computing
- device convergence
- ubiquitous connectivity
- pervasive connectivity
- connected devices defined by activity not form factor
- connectivity network effects
- hard to be unconnected
- collective intelligence
- crime based on openness
- swarm activities
- connection types will consolidate
- connectedness
- companies under threat engage with tech faster
- information overload
- avant-garde moves into mainstream

Personal
- self-organisation
- skills move towards adaptive
- learning from failures - more acceptible
- peripatetic education
- portfolio careers
- more opportunity
- more connections (Dunbar)
- definition of 'tech' changes - iPod is not tech?
- consumers prefer green
- people need info
- inwards vs outwards facing
- people need relationships
- types of literacy: audio, visual, textual
- need to commnicate
- reluctance to interrupt
- etiquette
- longer relationships with fewer people
- multiple lives and personas
- mutually ensured embarrassment

Macro-conditions
- economic sustainability
- wellbeing index
- loss of trust in money
- economy
- poverty
- political conditions
- property
- immigration
- security
- regulation and over-regulation
- environmental change
- demographic change

Media
- Consolidation and closure of news outlets
- information curation
- data projects
- community/crowdsourced projects
- echo chambers
- curators
- trust decreased

Legal
- obsolete laws
- property/scarcity

Resources
- green materials
- attention scarcity
- arbitrage situations
- scarcity of storage/servers
- not enough bandwidth
- power - no battery limits
- energy costs rise/fall
- infrastructure moves to cloud
- presumed abundance
- efficiency increases
- social capital