Preferability

Hobbyists and makers start using Small ML tools

Smartphones use local ML for photography, scheduling, and variety of tasks

Launch of mainstream dedicated ML modules

Edge ML devices are used to infer in remote locations

Chip-War is well underway with major players such as US, China, Taiwan and Japan competing for supply chain supremacy

Single purpose hardware becomes trendy

Proliferation of local ML into mainstream devices

Food industry ramps up use of ML

Increasing use of servers as ML is used across sectors

Hierarchies develop which favour corporations as high yields and profits give them market power

Crypto currencies surge with computing efficiency gains

Reliance on resource intensive data-centers and servers for ML activities

Demand for efficient computing parts increases, with recyclers becoming a minor supplier

Hactivists start movement against local ML controlled by large corporations and governments

Farmers see increased yields and more efficient use of resources

Era of Tech Imperialism (politically, socially, and geographically)

Old computers and smartphones are recycled to create Compute Blocks

Uninterrupted energy demands by servers drive renewable revolution

First mention of CCC (Closed Cycle Computing)

Bundling and unbundling of computing

Big Tech as a whole controls world politics

The use of ML in farming leads to barren lands as economic profit is prioritised

Black data market thrives

Divergent tech pathways emerge- different nations and corporations have their own agendas

Buying and selling of data becomes highly regulated

Databases gain protection due to national security concerns

Smart contract based database systems

Intelligence augmentations banned in sporting events

Golden age of sport ends

Big Tech tightens control on supply chain

Caps on mining imposed by countries to control supply of chips

Crypto currency crashes severely affect confidence

Growing market of hacked devices with ML capabilities

Recycling of old computers to create DIY ML training servers

Open source initiatives by countries without fabs give rise to divergent computing standards

Deeply local med-tech discipline is born, operating within small areas

The Machinists start to collect

Neural Link outlawed over mutant exploitative metrics

Bad actor digital entities become commonplace

Tech companies broker deals with national governments for data

Instances of 'fake employees' powered by singular intelligences

CCC Manifesto is highly controversial

New models of local and contextual development start

The Asimov Fallacy

Computing as a resource becomes a commodity

Experiments with ML run governments with referendum based guidance

Nature-Human philosophy discussions rekindle

The Metric Movement is largely driven by farmers and hacktivists

Recreation of computing ethics begins

Machinist Manifesto is released

Commodification of computers starts to fall apart with rise in artificial intelligence entities

a whole generation of faulty algorithms being used worldwide

Farmers start abandoning tech driven farming practices

Countries with lower political interest far poorly

New philosophies become a hot topic

Some farmers work with grassroots organisations to create bespoke ML solutions

Crypto-currency ML devices become popular

Machinist ideology turns anti CCC

Misinformation and corrupted state of news causes political unrests and power surges

Return to traditional methods, with modern tools

Prototypes of CCC start appearing

Human-ML Profession Partnership Programmes

Bio hacktivists experiment with bio-ML hybrids

Mars colony setup

Big Tech opposes CCC standard

Real jobs hijacked by HML entities-start of a new work era

Water and Food access inequality becomes prevalent in the West

Jobs with humans are 'premium'

New wave of jobs appear

Joblessness on the rise in the West

Refugee crisis rolls over into Asia

New Wave of CCC devices

Smart contracts augment existing fiat currencies

Machinist ideology turns anti CCC

New models of CCC compatible crypto starts to flourish

New forms of citizen led governance is enabled by tech

Divergence in tech (CCC vs legacy)

New kinds of food and water based products manufactured

ML can interact with natural entities and influence ecosystems

Crypto currency crashes severely affect confidence

CCC entities usher in new wave of HCI

Big Tech starts to dissolve

Machinist Ideology fails to gain a foothold

Experiments with Ecology Editing to reverse climate change

BioML Devices deployed to mars to create artificial ecosystems (AE)

Mars mission funders are Machinists

Plastic eating microbes and carbon capture organisms created

Ethical concerns around species enslavement

Failed experiments destroy certain ecosystems

Commodification of CCC devices degrade the standard

CCC systems become the dominant computational ecosystem on Earth

ewaste build up permanently destroys certain areas

Success in some locations is quickly negated by imbalances in other areas

Earth's landscape starts to visibly look different

Mars colony is a Machinist majority

Artificial species take place of the extinct and endangered organisms

Terraforming activities begin to restore ecosystem balances

Creation of the first general artificial intelligence starts work on Mars

Enclosed AE Biospheres set up up Mars

Refugees sent to mars with promises of new opportunities

2021

2028

2035

2043

2050