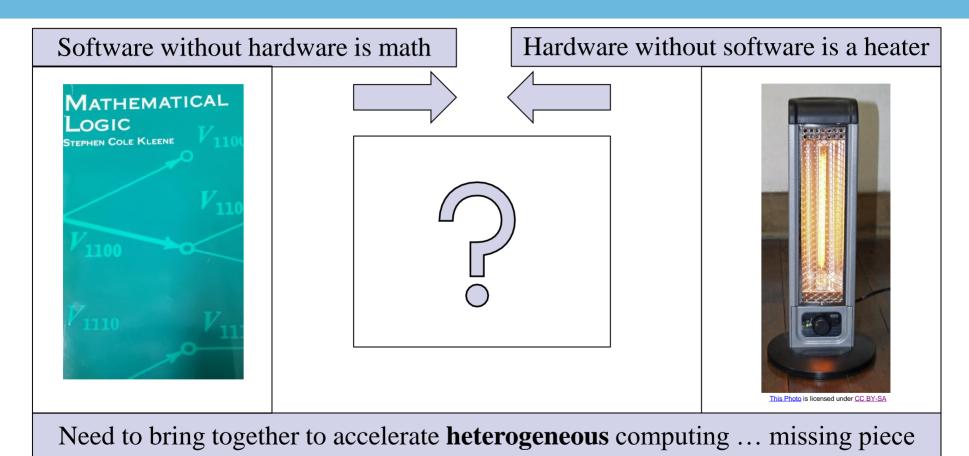


Communities in Isolation



How Did We Get Here: The Free Lunch

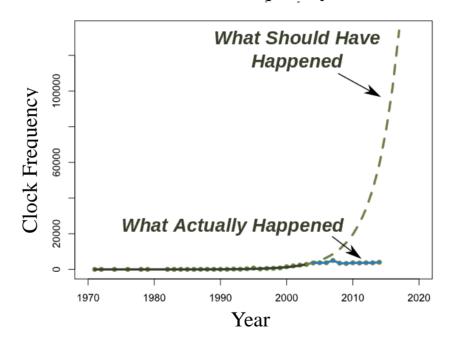
Software



Golden era

- Applications
- New markets
- Grow customers

Processor Clock Frequency Over Time



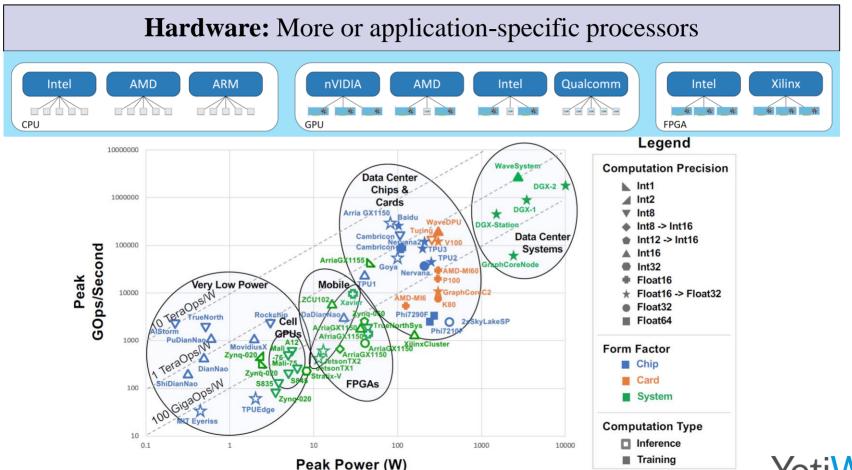
Hardware



Processor performance increase

End of general-purpose compute

What Happened When the Free Lunch Ended?



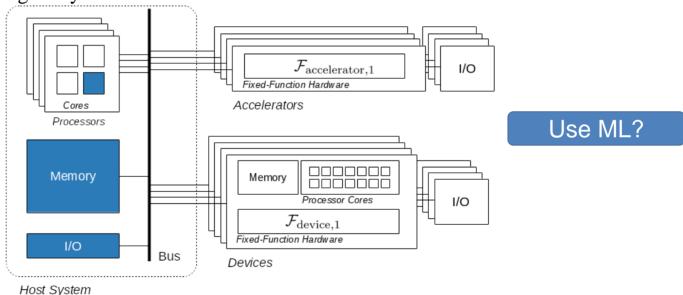
Software Didn't Change

Software is broken

No one is using your hardware efficiently

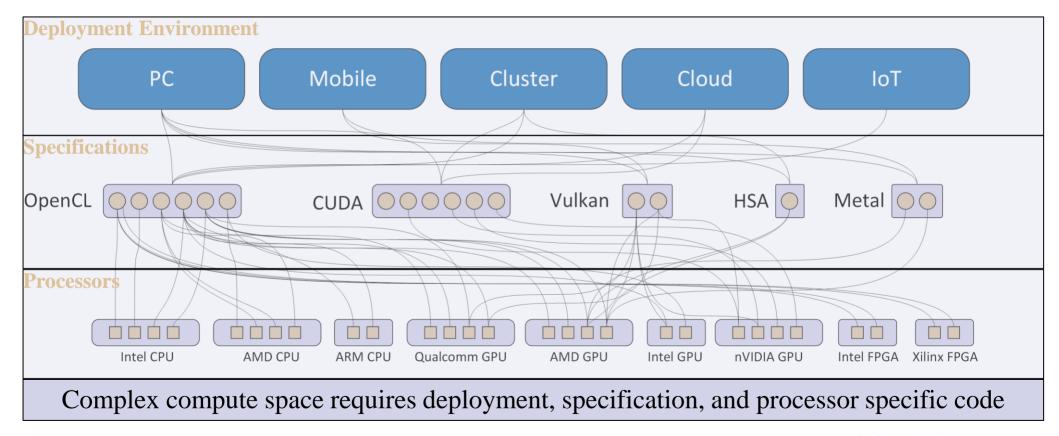
Stuck in a 1950s model

No parallelism, no heterogeneity

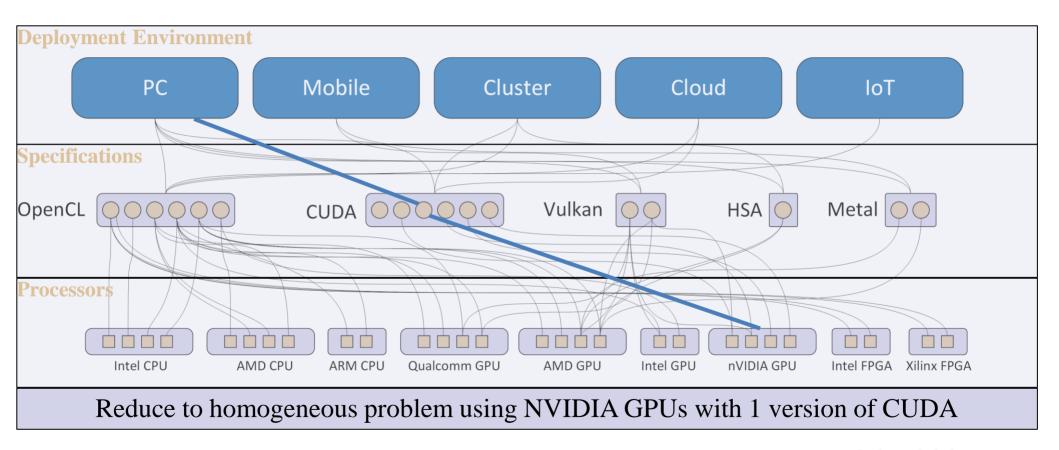


We need to think differently to solve this problem

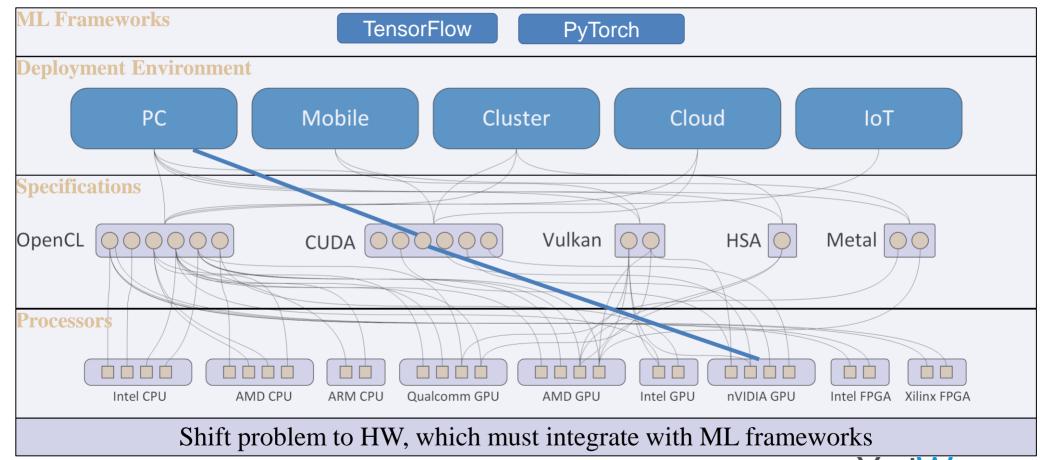
Heterogeneous Compute Space



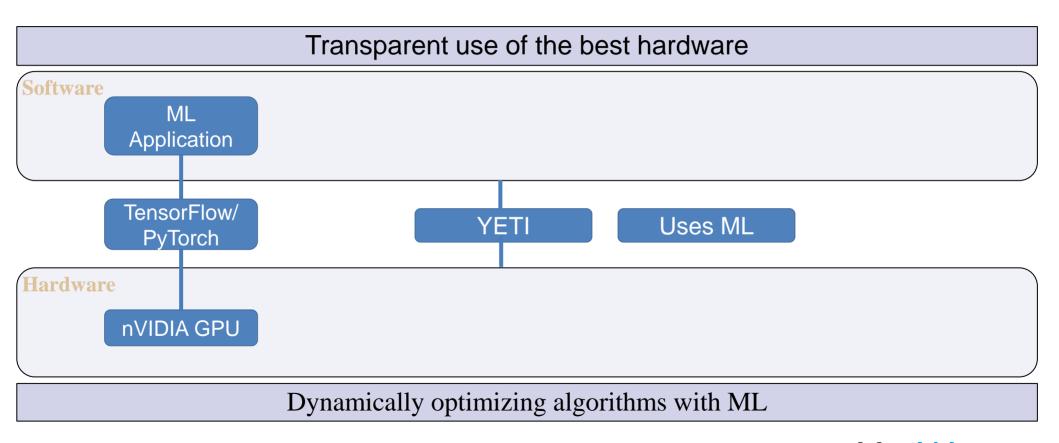
Compute Space Chosen



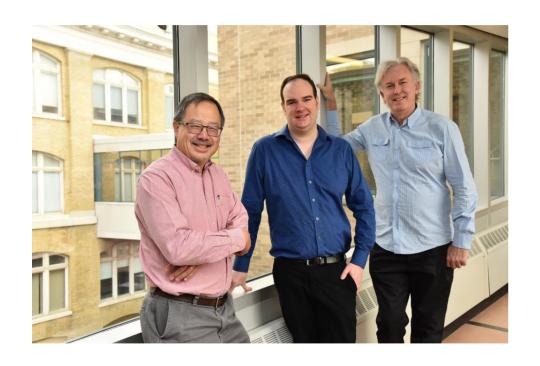
Frameworks Layered On Top



Our Vision



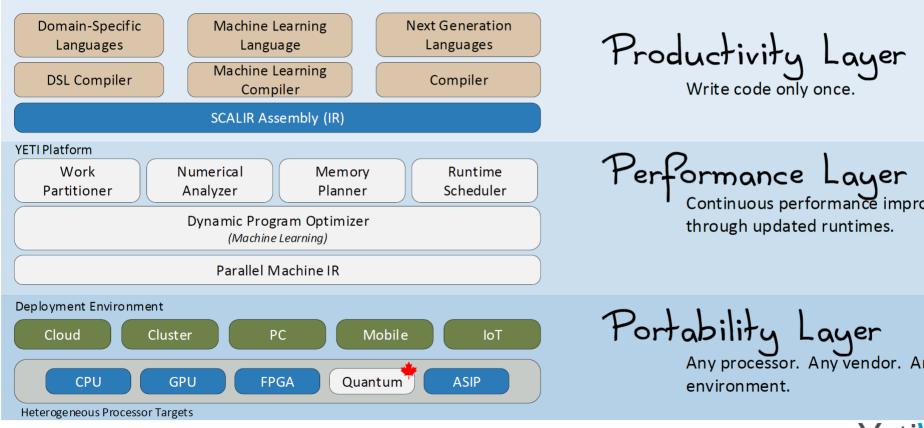
YetiWare and CMC Prototyped First Component





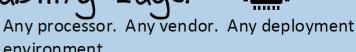
https://account.cmc.ca/WhatWeOffer/Products/CMC-00200-05319.aspx

Our Vision: The YETI Platform

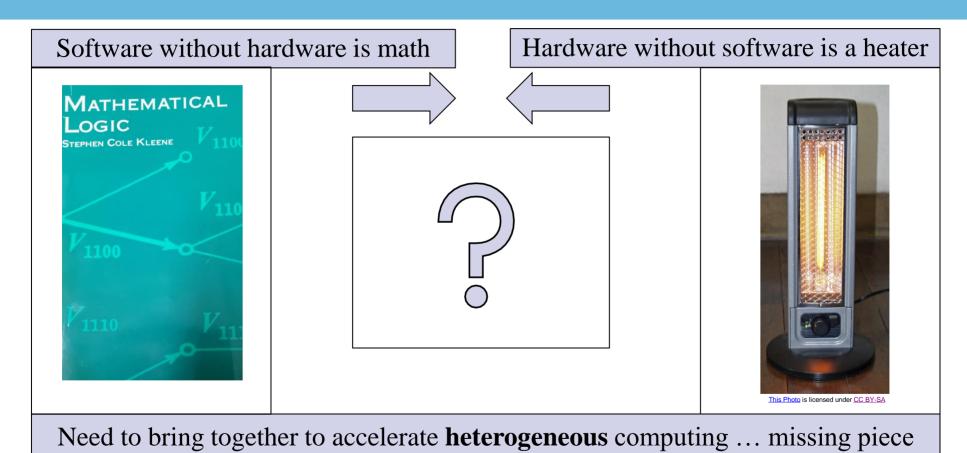


Productivity Layer L

Performance Layer Continuous performance improvement through updated runtimes.



Communities in Isolation



YetiWare

Communities Reconnected

