

**CS M151B / EE M116C**

*Computer Systems Architecture*

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# Chapter 1

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## Computer Abstractions and Technology



# The Computer Revolution

- Progress in computer technology
  - Underpinned by Moore's Law
- Makes novel applications feasible
  - Computers in automobiles
  - Cell phones
  - Human genome project
  - World Wide Web
  - Search Engines
- Computers are pervasive

