

# The Future of Work

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### WHAT COMPUTERS DO

The expanding **scope** of computers

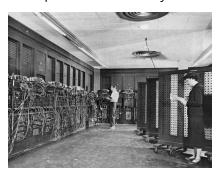
### Human computers performing mathematical calculations

"The human computer is supposed to be following fixed rules; he has no authority to deviate from them in any detail." (Turing, 1950)



### **Electronic computers** performing routine tasks:

- Calculation
- Repetitive customer service
- Picking or sorting
- Repetitive assembly



## Machine learning algorithms performing non-routine tasks:

- Medical diagnostics
- Document review
- Translation
- Driving







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"God gave the easy problems to the physicists" — Niels Bohr

#### Creativity



#### **Social Intelligence**



#### **Perception and Manipulation**

