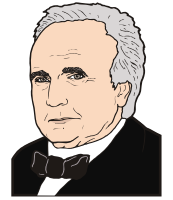


CHARLES BABBAGE

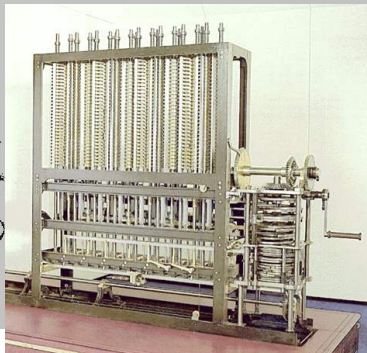
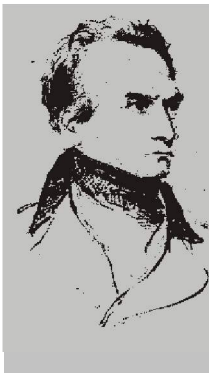


1792 - 1871 **Mathematics • Computer Science**
Statistics • Operations Research



- First true general-purpose computer 100 years early
- Inventor: speedometer, skeleton key, cowcatcher, ophthalmoscope, RR gauge
- Lucasian professor of mathematics, Cambridge
- Pioneer of Operations Research, the scientific study of manufacturing

“Charles Babbage . . . was a fascinating scientist, in many respects far ahead of his time . . . As a Christian, he wrote the ninth and last of the Bridgewater Treatises, a remarkable apologetic including a mathematical analysis of the Biblical miracles.” – Dr. Henry M. Morris



Model of Babbage's *Difference Engine*, an ingenious mechanical calculator. His subsequent *Analytical Engine* would have employed stored programs, CPU, memory, input/output and other innovations fundamental to modern digital computers – but all this in 1833!