



Importance of Evolution In Computer Science

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Why is Understanding the History of Computer Science Important?

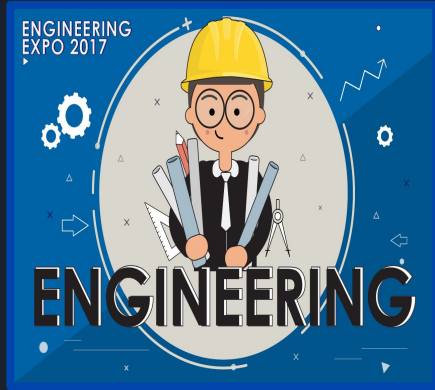
Understanding the evolutionary trends of the past can help us understand how enact future growth in the field.



Helps us to understand the creative thinking process of great computer scientists of the past.

Who Needs to Understand the Evolutions in Computer Science?

Engineers



Computer Scientists

Entrepreneurs



How Many Customers is This Important To?

Anyone looking to buy a computer.

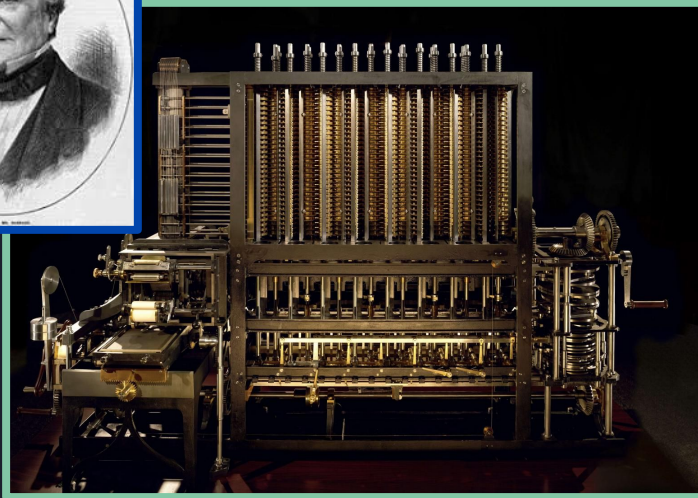
Anyone interested in new technologies.

Investors

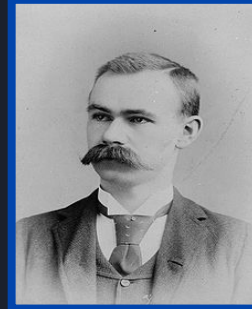


Brief History of Early Technological Evolutions in Computer Science

Charles Babbage: Steam Driven Calculator (1822)

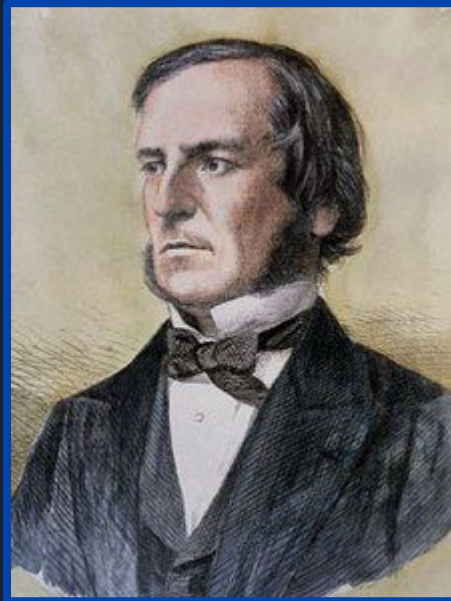


Herman Hollerith: Tabulating Machine (1890)

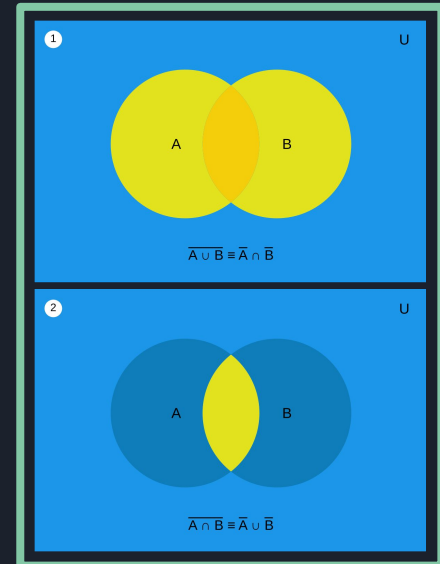
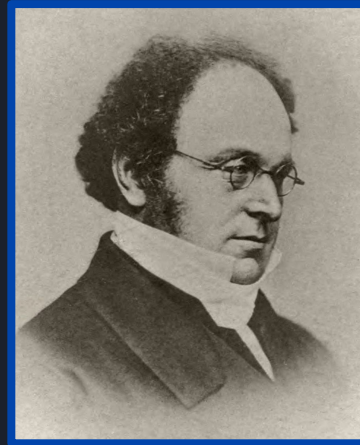


Brief History of Early Technological Evolutions in Computer Science

George Boole: Boole's Laws (1847)

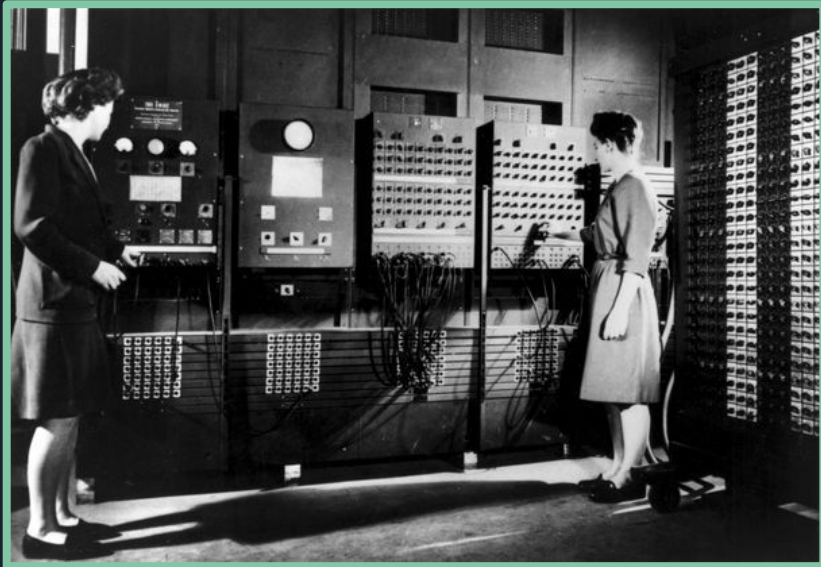


Augustus De Morgan: De Morgan's Law (1854)

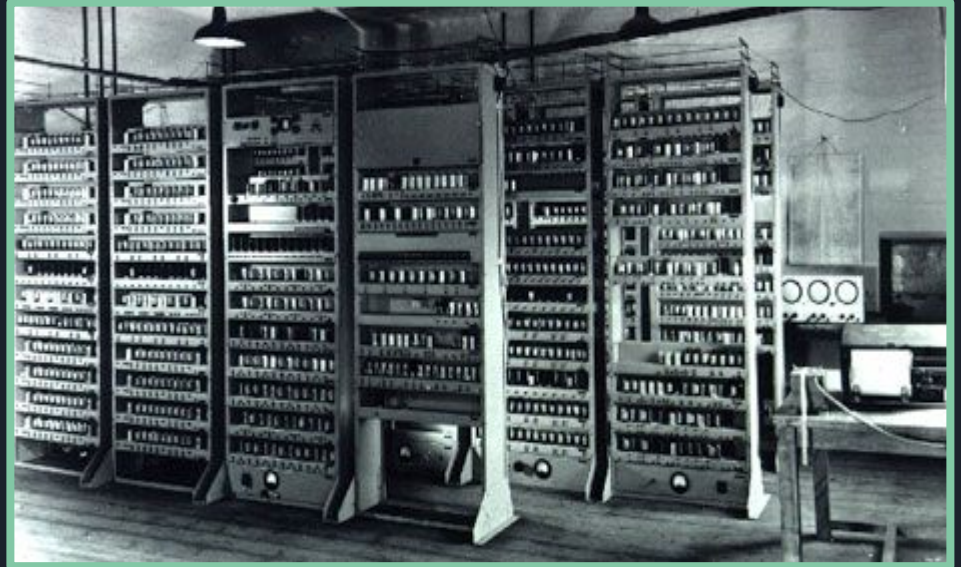


Brief History of Early Technological Evolutions in Computer Science

Electronic Numerical Integrator and Computer (ENIAC - 1946)



Electronic Discrete Variable Automatic Computer (EDVAC - 1949)



Conclusion

- Designing a solution is NOT a single step
- Iterating over new and old designs is necessary
- Restarting with different approaches is necessary

