



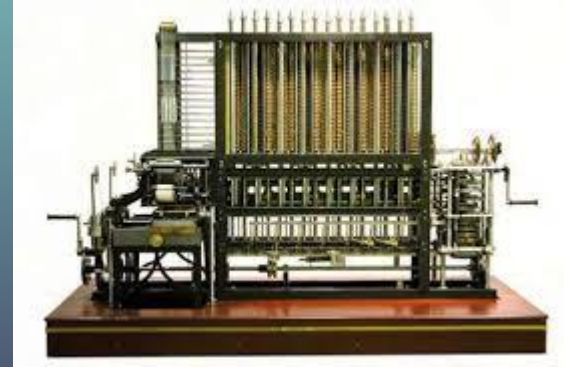
# Why computer science?

A brief history of computer science and what makes people engage with it?



# charles babbage 1820

Considered from many people as the first human to build a computer that was analytical engine.





# Ada Lovelace

She is the first programmer

She also outlined many fundamentalsof programing,data analysis and memory adresing



[illegible]



# Alan Turing 1936

The founder of modern computer science by proposing the concept of a universal machine





# Konrad zuse 1936

The first computer to use boolean logic and binary



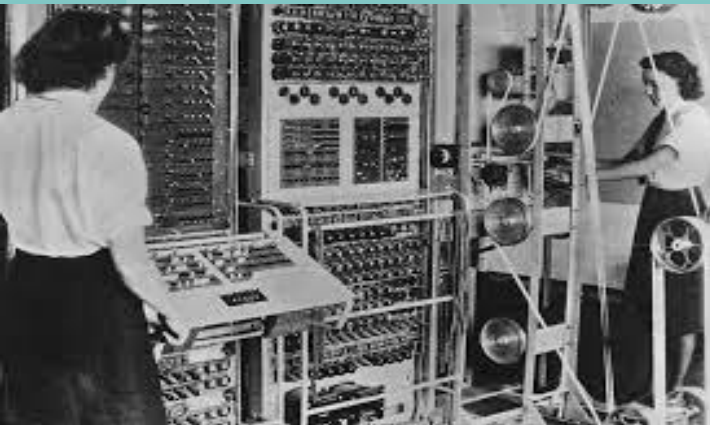


# clifford berry john atanasoff 1942

This is new era in computer the  
use of vacuum tube



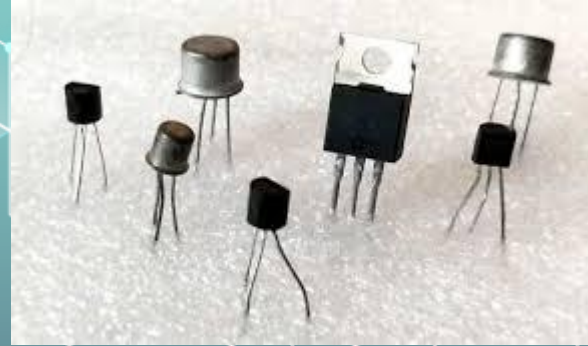
# The colossus 1943



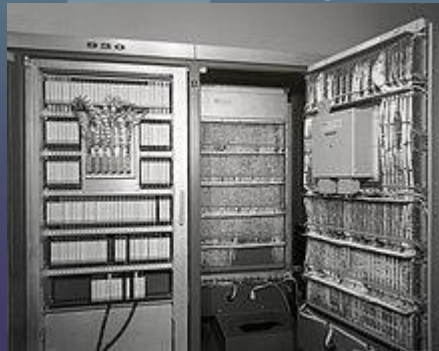
The first programmable digital computer



**1947 the silicon transistor was invented at bell labs**



1954 the first transistorized digital computer the TRADIC





# Integrated circuit era 1958

## Jack kilby

This era marks the beginning of the modern computing





# Computer science in the modern society

Computer science fields and applications





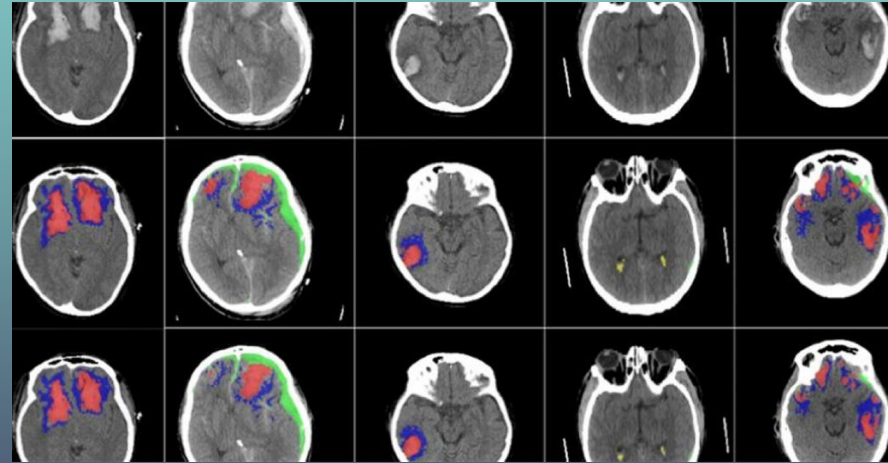
# Some of The different field that computer science is involved

1. Health care.
2. Business.
3. Agriculture.
4. Education.



# Computer science in health care

The artificial intelligence can detect cancer in his early stages  
And classify hid type



# Computer science in business

1. Digital payment
2. E-commerce
3. Marketing



## Top 10 E-Commerce Websites



# Computer science in agriculture

Lettucebot  
Produce in more sustainable way



# Computer science and education



Computer science have changed the education 180 degrees by make it cheaper and easier to acces





# Why i should learn computer science?

If we were in 1400 this question will be equivalent of  
why i should learn to read?



# Opportunities

There are many open opportunities in computer science considering :

1. The growing speed of this field.
2. The Jobs available in the market
3. The high salary

## Senior Software Development Engineer Salaries in United States

916 Salaries

Updated Oct 27, 2017

National Avg

**\$146,758\***

Min

\$116k

Max

\$172k



# Computer science makes everything better

By learning to program you make great changes in every domain and you save time



# Computer science and myself

By learning computer science you become smarter and do better decision

## Algorithms to Live By



The  
**COMPUTER SCIENCE**  
of  
**HUMAN DECISIONS**

Brian Christian and Tom Griffiths



**THANK YOU FOR YOUR ATTENTION !  
ANY QUESTIONS ?**

