

# ***WHY SHOULD I BE A COMPUTER SCIENTIST?***

---

The benefits of having Computer Scientists in the world

# ***What we will cover***

---

- Why should I pick Computer Science?
- How Computer Science changes the world
- What can I do with Computer Science?
- Who's good at Computer Science?



# ***WHY COMPUTER SCIENCE?***

# Why Computer Science?



1945



1960



2000



2016





# Why Computer Science?



1945



1970



2000



2016



# Why Computer Science?



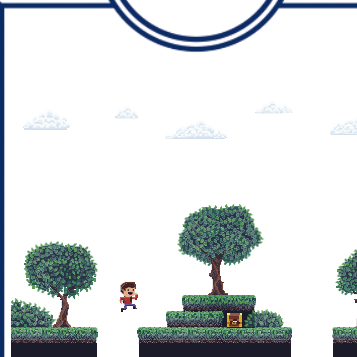
1945



1960



2000



2016



# ***What's been happening since 2016?***



# ***What's been happening since 2016?***





# ***What's been happening since 2016?***



# ***What's been happening since 2016?***



# ***What can I do with Computer Science?***

**Watch to find out**



A photograph of several students in a computer lab. They are wearing green school uniforms and are seated at desks with computer monitors. The students are looking at the screens, and one student in the foreground is smiling. The text 'SO WHO'S GOOD AT COMPUTER SCIENCE?' is overlaid on the image in a large, bold, dark blue font.

***SO WHO'S GOOD AT  
COMPUTER SCIENCE?***



# *Everyone! Here are few people to inspire you*

## Alan Turing

Cryptologist –  
massive impact  
cracking  
German  
Cypher Codes



***Everyone! Here are few people to inspire you***

## Ada Lovelace

The first  
'computer  
programmer'



# ***Everyone! Here are few people to inspire you***

**Tim Berners-Lee**

Developed the  
Internet



# ***Everyone! Here are few people to inspire you***

**Grace Hopper**

Made the first  
compiler for a  
programming  
language





# ***Everyone! Here are few people to inspire you***

**John von Neumann**

Developed  
Processor  
Architectures



# ***Everyone! Here are few people to inspire you***

**Karen Spärck Jones**

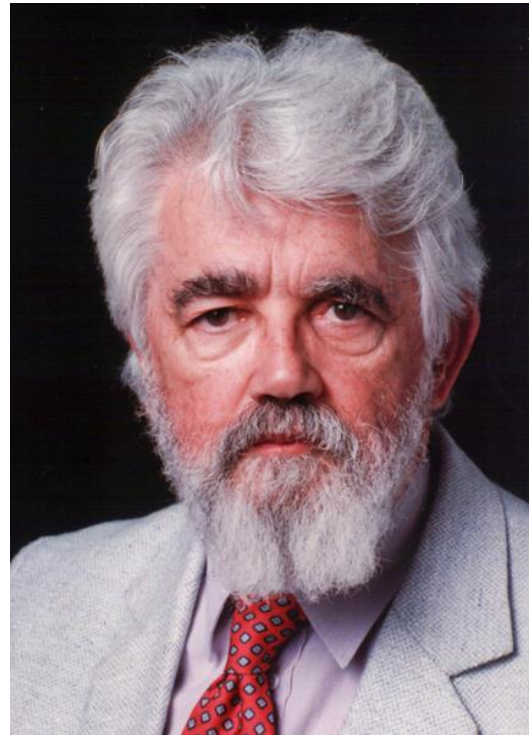
Designed the  
fundamental  
way for finding  
information that  
search engines  
now use



***Everyone! Here are few people to inspire you***

**John McCarthy**

The 'Father' of  
Artificial  
Intelligence



# *Everyone! Here are few people to inspire you*

## Margaret Hamilton

Lead programmer  
for the Apollo 11  
moon landing.  
Developed the  
principle of  
'Software  
Engineering'





# ***Super Mario Brothers...***

---

- The complexity of programs has exploded
- This image takes 13x more storage, than the entire Super Mario Bros game!
- Where will we go next?
- Windows 10 has 50-60 million lines of code...



# ***Computer Science***

---

- There's a career for everyone
- Create your own future and ideas
- Create a future for other people
- Give yourself great problem solving skills
- Give yourself a brilliant career
- Challenge yourself to be the best
- Challenge yourself to change the world