

Digital World

Computer Science Is Changing the
World We Live In

We Live in a Digital World

- Our world is a different world, increasingly connected and full of opportunity



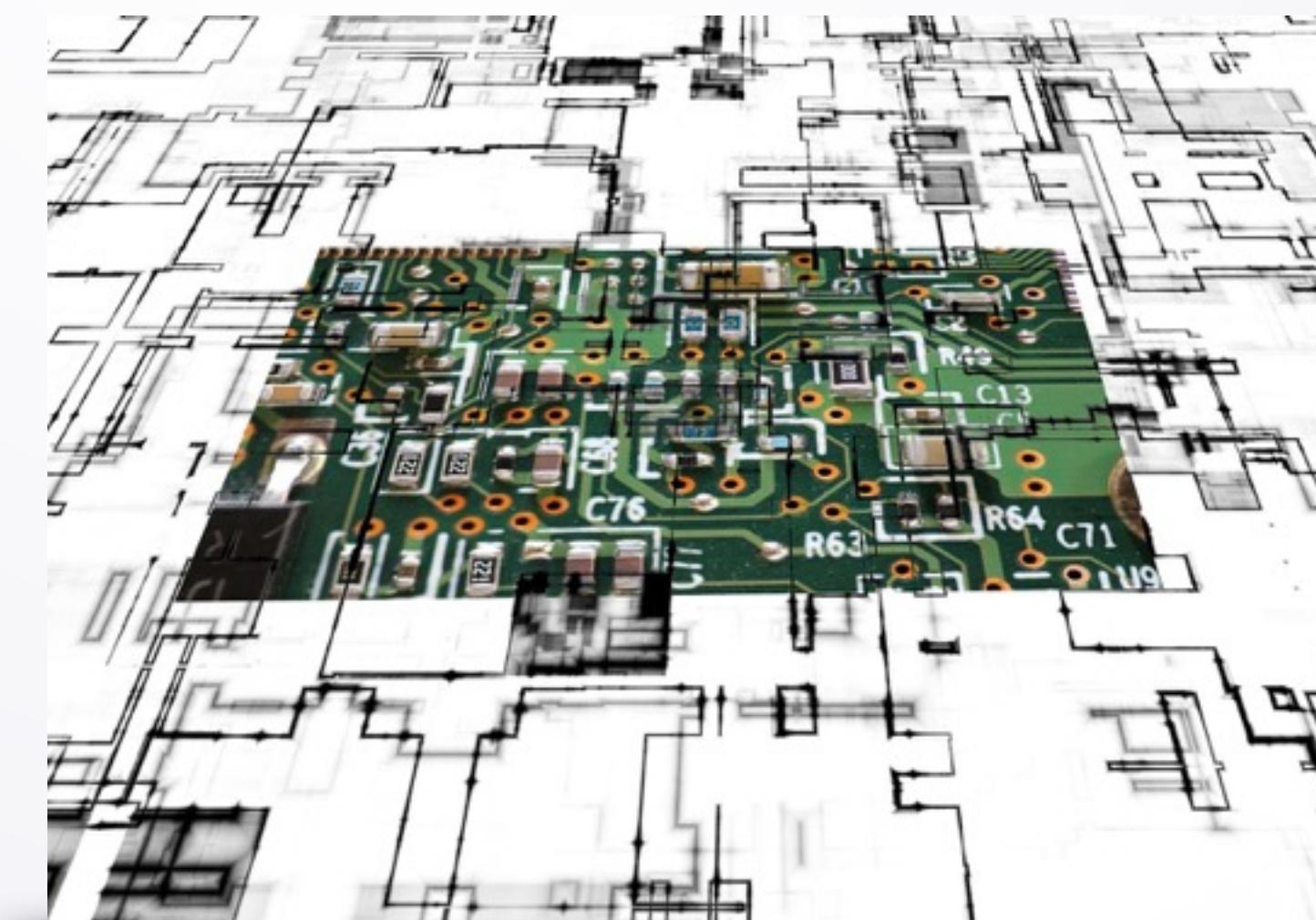
We Live in a Digital World

- Our world is a different world, increasingly connected and full of opportunity
 - New ways of thinking and communicating



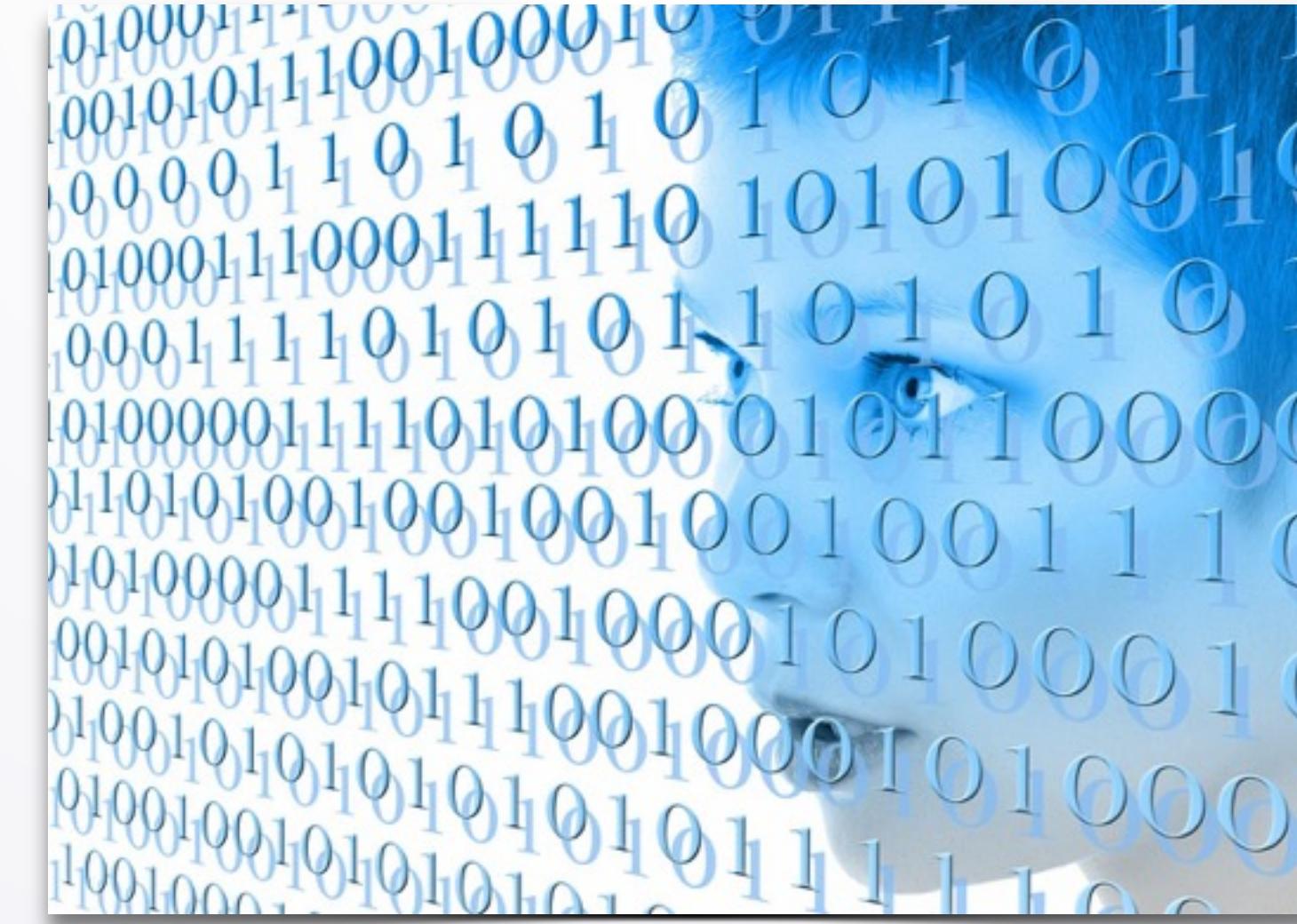
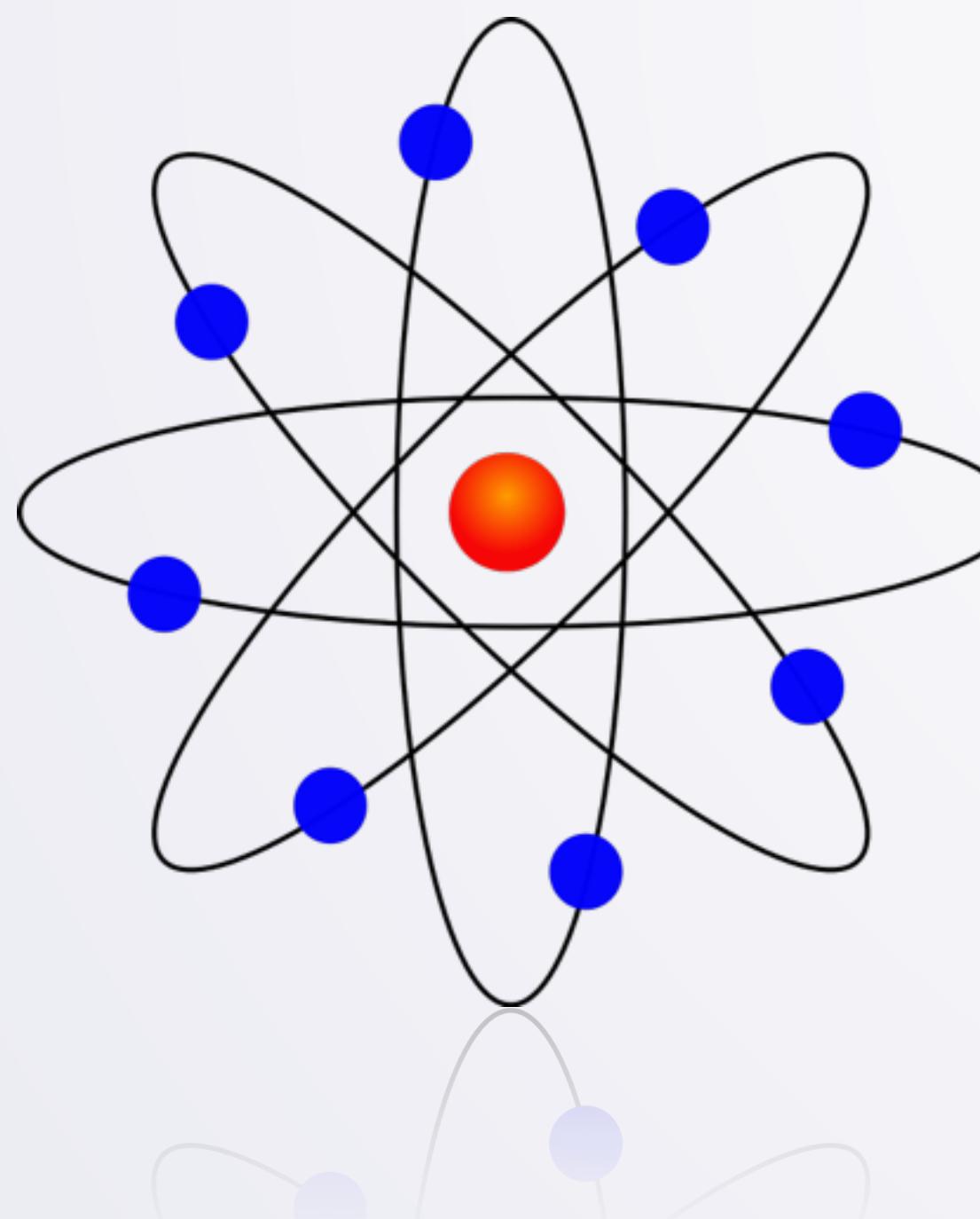
We Live in a Digital World

- Our world is a different world, increasingly connected and full of opportunity
 - New ways of thinking and communicating
- Powered by you! Also computers, computer science, and computational thinking!
 - Programming
 - Web and Internet
 - You'll learn to create!



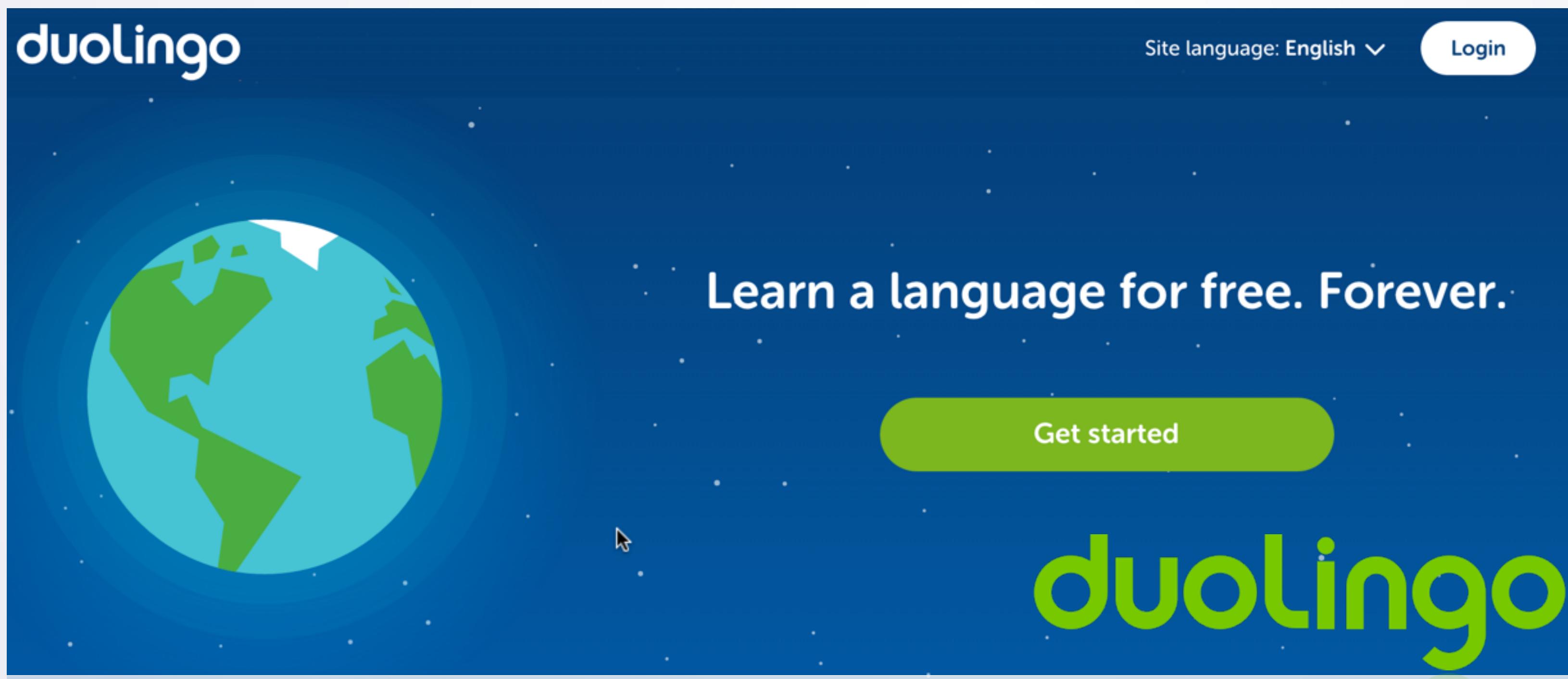
A World of Bits and Atoms

- Physical things are made from atoms: building blocks of matter
- Digital things are made from bits: the zeros and ones that enable all things digital



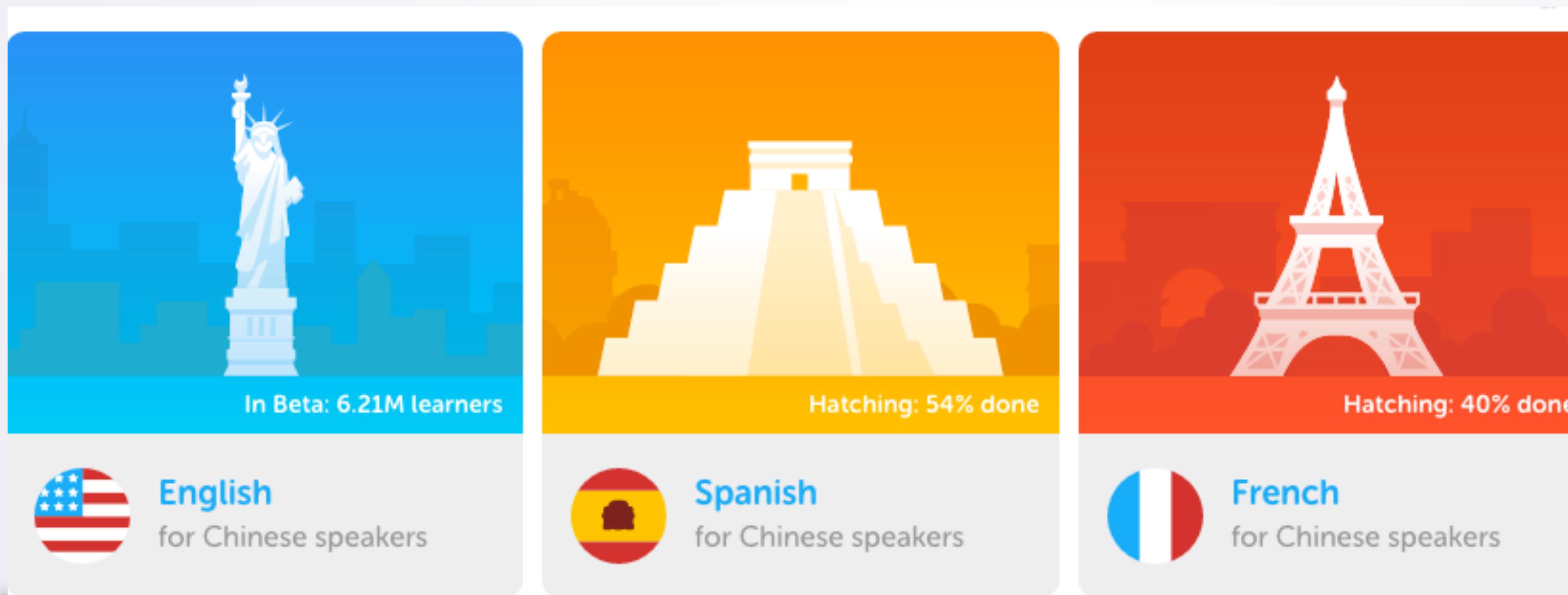
A World Powered by Software

- Learn a language for free and help translate the web



A World Powered by Software

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 - <http://www.duolingo.com/courses>



Where Do You Go on the Web?

- Websites you visit, alexa.org

Google



Google
India

Baidu 百度



Tencent 腾讯

YouTube

YAHOO!

twitter

amazon.com®

facebook

Websites in China

- <http://www.alexa.com/topsites/countries/CN>



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Websites in Brazil

- <http://www.alexa.com/topsites/countries/BR>



Websites in India

- <http://www.alexa.com/topsites/countries/IN>

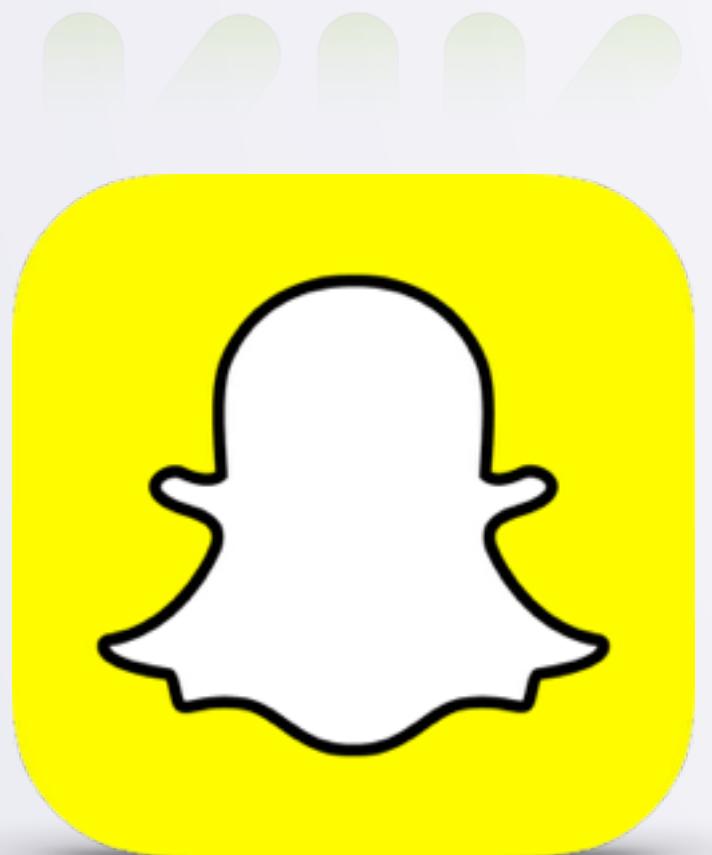


How Do You Communicate?

- Depends on who you are and where you live, powered by software!



WhatsApp



Nimbuzz!

more, mobile

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Computing That Is Helping Others

- Muhammad Yunus
 - Nobel Peace Prize in 2006, microfinance
- kiva.org connecting for microlending



Muhammad Yunus by University of Salford/CC-by-2.0

What Websites Do You Visit?

- You may visit websites that represent who you are rather than where you live
- Create your own web pages and share them with us, your friends, the world!



What Websites Do You Visit?

