Computer programming jobs won't be filled in the future

50,000 computer science graduates needed in the U.S. alone

Numbers for the 2014 alone
Source: A Educator Conference in partnership with Code.org

Computer science certification costs are detrimental to potential students

$160,000
certification to study

$20,000
certification to study

Costs for a degree (Bachelor’s in the college)
Source: National Center for Education Statistics at the U.S. Department of Education

Number of people to enroll in MOOCs to avoid college fees

161,000
in 2013

58,000
in 2014

MOOCs and online education programs both led by private providers and faculty are at staggering growth
Source: CBS News

None of the major MOOCs certificates are free

In 2012, Massive Online Open Courses (MOOCs) used to be 100% free. 5 years later, emphasis on personal and financial income becomes the first consideration, as providers are seeking to recoup the cost of certification.

In 2016, 64% of major online learning platforms (Udacity, edX, FutureLearn, Coursera) now charge fees for certifying completion, in addition to certificates.

100% PAYING SUPPLEMENT

$300 to $6,000

MOOCs and online education programs both led by private providers and faculty are at staggering growth
Source: CBS News

MOOCs benefit developed countries most and are mostly available in English

61%
English-speaking countries

39%
non-English-speaking countries

MOOCs have provided greater access to learning among countries since 2012.

Most educational resources are not open, which prevents them to be translated and adapted to achieve global reach

Only 5.3% of courses provided by higher education institutions are open, whereas 94.7% of MOOC providers make their own educational resources.

Source: Opening the Network of Educational Resources in Open Education: Eleven Ways to Build Sustainable Impact. Open Learning, 2019