Dhrumil Patel
Everyone should learn how to code
ENG4UP

     Never before has **one** *person been able to press a button,* give~~make~~ *a command, or perform a simple gesture and instantly reach* **billions**. Our world is increasingly being driven by technology and software, there is a big jump here to coding; it should be more gradual which is quickly making the ability to code a necessary skill I don't know how you come to that as a logical conclusion?. Everyone should learn to code because software has revolutionized almost every industry these~~industry~~these two thoughts are not logically connected; can you see that? , it teaches you critical thinking and problem-solving skills, and makes you a valuable asset to a business or company, regardless of whether you are a software developer.

     Almost every field now uses software and knowing how to code allows you to leverage the limitless potential that comes with software's presence in every industry. *Do you want to solve problems in* <u>space travel, agriculture, entertainment, manufacturing or any other industry</u>? I **agree with you that it relates to these communities But that does not constitute a huge percentage of the general population??** ; as a result it is not a logical conclusion that everyone should learn how to code; does that make sense?

     Chances are that software has revolutionized thatI am not sure what you are referring to here? field and those in the field use software on a daily basis to do their job, whether it be using video communication services like Zoom or software that is sequencing COVID-19 faster than humans ever could to create a vaccine and end the pandemic. Knowing how to code can help you build software that dramatically improves the lives of the individuals and organizations in any industry But that is only true for a very select portion of the population as you would agree, because, ultimately, software is about improving humanity. I think many people would argue that technology is about profit! Most tech companies understand this as well; most are driven by a mission to improve humanity it seems like an extreme generalization and certainly not one that is truly supportable in any credible way! in some respect, like to give people the power to build community and bring the world closer together, or to organize the world's

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information and make it universally accessible and useful, or to empower every person and

every organization on the planet to achieve more. However, *humanity's problems tend to be a*

little difficult, and software can only be as good as the developers who write it. Developers must

have strong analytical and problem-solving skills to create these solutions, skills that you can

learn by learning to code.

 Learning to code teaches you critical thinking and problem-solving skills. Coding requires

taking a complex problem and dividing it into smaller, more manageable subproblems that are

easier to solve individually. This method of disassembling problems to build a solution like you

would with a kit of legos helps you develop a detail-oriented mindset on approaching problems,

teaches you to process lots of information at once, and forces you to think outside-the-box. I

would not dispute these points at all.These are all invaluable skills in any profession, whether

you're applying this logical way of thinking to develop a media strategy or better understand

others' problems as an educator. Most importantly, coding teaches you to ask a very specific

question, "What is the problem?". This question, "What is the problem?" is so important because

it teaches you to think deeply about what specifically a problem is asking of you. The details of

the problem should inform your solution to be one that most efficiently solves a problem, is

useful for others, and supports adding more to it. These are complex constraints, and tackling

them requires attention to detail that makes you a better problem solver, coding or otherwise,

that goes a long way for your career.

 Knowing how to code can help you acquire well-paying jobs and can makes you an

invaluable asset to any business or organization. Learning to code can directly lead to software

development jobs at a tech company, in which senior positions can have salaries of well

upwards of $100,000 per year. Moreover, the worldwide software development industry has a

shortage of talented software developers, which means that many of these jobs are available to

those who are dedicated to the fieldThat would certainly be benefit. Even if you don't choose to

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pursue a career in software, almost every industry has been touched by software. Your

understanding of basic coding principles and computers will help you navigate problems and

effectively communicate but the truth is that very few people would happen need to

communicate directly with software Engineers; you are speaking of a lot of very specific and

small percentage of the population!with software engineers to solve your problems faster. You

can also start your Facebook or Microsoft, and find that the lessons you learned in learning to

code help you stay competitive as a startup.

        Given all the benefits of learning to code: the limitless possibilities presented in

developing software, becoming a better problem solver, and the widespread career benefits of

learning to code, it's clear that code literacy is an invaluable skill to learn. The best part about

learning to code, however, is that anyone can do it and it's been made completely free through

online websites. So what are you waiting for?! Go to code.org, codecademy.com, Udacity, edX,

canadalearningcode.com, and _learn2code_.

         I thought you wrote very clearly; I had two major issues with what you wrote. the first

one had to do with the fact that this was written about a very small and specific portion of the

population and yet you present it as if it is something that all people need in order to get ahead

and that simply is not the case; the workaround for that is to define within the introduction of

your speech that you are speaking to a specific audience and then work from that point of view;

unfortunately you did not do that! The other issue I had is that you make some rather broad

generalizations and conclusions based on information that does not lead to such broad

conclusions. You must be very careful about not doing that. 87%

I tried to add a little based on your comments.

For personal use:

Rosenberg Feedback:

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- Enunciate

- Provide examples to clarify details

- 90

Rewrite to focus more on

- Pick one (non cs) area in which cs has made such a huge difference (ex. Agriculture, pharmaceuticals, pick an industry) (https://news.microsoft.com/en-in/features/microsoft-farmbeats-building-tech-precision-agriculture-world-poorest-farmers/)

- Make it clearer