

Forum:[Hack Forums](#)

Thread: [The connection between being a good hacker and Mathematics](#)

a.m47 - August 28, 2014, 9:02 am

i wana ask you guys Is there a connection between mathematics and programming language on site or more Creativity white hacker techniques?

Thanks for helpers!

ven0m - August 28, 2014, 9:11 am

Math is the universal language of science. Go figure now. ?

slashdash - August 28, 2014, 11:38 am

(Aug 28, 2014 09:02 AM)a.m47 Wrote: [\[CITE\]](#) i wana ask you guys Is there a connection between mathematics and programming language on site or more Creativity white hacker techniques?

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Programming languages definety involves maths obviously it depends on what program you're creating. ;)

Betty Blue - August 28, 2014, 11:46 am

No. You absolutely do not have to be good at math. The application of math is useful in programming. What you need to know is how to think logically, which you have to do in math, you have to be able to problem solve. So I can see how associating being good at math can be associated with being good at programming. Like slashdash said. Say you want to create a calculus calculator. Obviously you are going to need to know calculus to do that.

Joey Pirtz - August 28, 2014, 12:30 pm

I don't think you need to be a superlative mathematician to be a decent programmer. Discrete mathematics is probably an advantage, but beyond that, unless your program is maths based its not really applicable to programming.

I know plenty of failed electrical/electronic engineers who turned out to be awesome programmers. The difference is usually their mathematical ability.

Businesses - August 28, 2014, 12:33 pm

Maths and programming are related according to skills. If you are good in either one then you will be good in other too.

Because both of them require same type of understanding , creativity and brain usage.

Niely - August 28, 2014, 1:45 pm

You do need mathematics for sure. :)

But not extreme.

I for example only just (really just) succeeded my exam of mathematics...

However, you need to know how to think in mathematics but you'll learn that automatically when programming. ;)

errorcode200 - August 28, 2014, 1:54 pm

im a hacker, and i hate math like the devil himself. am i a good hacker anyway?? im decent i guess.

;))

i think, if you like math, learn math. if you dont, then dont. mathematical reasoning will definitely help you become a l33t h4x0r, but its not necessary i think.

Dr. Gonzo - August 28, 2014, 2:54 pm

you need to know basic operators like "+" "-" "=" "/" "x" and the ">" "<" basic addition/subtraction skills help. BASIC algebra kinda helps too as many lanugages work with variables.

But you don't have to know any hard math like Trigonometry/Geometry or Calculus. Though, that doesn't mean you couldn't apply those to any program. But you wont have to unless you're doing some NASA shit like trying to calculate the expansion rate of the universe.

CorsoConnected - August 28, 2014, 2:58 pm

Like everyone has said programming and math has a strong correlation. But also just having logic and data structure knowledge can be enough to be a good hacker. It all depends on you mate and what you want to know. Do you want to learn more about networks, limitations and traffic flow maybe take a graph theory course where they teach and discuss all that in other applications and in computer systems. Or maybe you want to learn more about cryptography so you take some discrete structure courses to learn more about truth tables, algorithms and proofs. Its all a personal choice and one doesn't need strong math to be a good hacker but if you want to learn more then you could learn some math specific to what you are interested in.

How bout using your brain - August 29, 2014, 4:31 am

to be a programmer you don't need much. In fact you do not even need to do university studies. So yeah, you'll be fine with basic math. If you however want to do anything interesting in the computer science field other than just boringly write programs all the time, you will have to have a strong mathematical background as any theoretical aspects of computer science are based on math.

a.m47 - August 29, 2014, 4:34 am

thank u all ur answers realy help me to Understand the subject and the relationship between the issues:)