



Profiles ▼

Mysticial

 Member for 13 years, 3 months  Last seen more than 1 year ago

   [numberworld.org](#)  San Francisco Bay Area

Profile

Activity

Stats

470,833
reputation

13.1m
reached

845
answers

2
questions

About

Alexander Yee


I'm an enthusiast in computer hardware and programming. I specialize in high performance and parallel computing. I build computers, overclock them, and write software to torture the hell out of them.

I'm also the author of [y-cruncher](#) - a program that computes Pi and other constants. It was used to set the world record for the most digits of Pi ever computed at [5 trillion \(August 2010\)](#).

It currently [holds that record at 31.4 trillion digits](#) (January 2019).

Badges

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46
gold badges

● Stellar Answer


Dec 11, 2023

● c

Dec 1, 2011

● Legendary

Mar 4, 2012



339
silver badges

● Epic


Oct 29, 2011

● c++

Oct 16, 2011

● Favorite Answer

Dec 28, 2022



336
bronze badges

● avx

Feb 6, 2019

● compiler-optimization

Jan 25, 2024

● simd

Dec 8, 2018

Top tags

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<div>c++ ●</div>	46,596 score	357 posts	42 posts %
<div>performance ●</div>	43,116 score	76 posts	9 posts %







java	36,281 score	72 posts	9 posts %
c	5,730 score	378 posts	45 posts %
assembly	3,176 score	43 posts	5 posts %
arrays	882 score	44 posts	5 posts %

Top posts

View all [questions](#), [answers](#), and [articles](#)

All	Questions	Answers	Articles	Score	Newest
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A	35119	Why is processing a sorted array faster than processing an unsorted array?	Jun 27, 2012
A	1791	Why are elementwise additions much faster in separate loops than in a combined loop?	Dec 17, 2011
A	1755	Replacing a 32-bit loop counter with 64-bit introduces crazy performance deviations with <code>_mm_popcnt_u64</code> on Intel CPUs	Aug 1, 2014
A	1733	Why does changing 0.1f to 0 slow down performance by 10x?	Feb 16, 2012

	1661	How do I determine whether my calculation of pi is accurate?	Jan 11, 2013
	1008	Why is my program slow when looping over exactly 8192 elements?	Sep 4, 2012
	563	How do I achieve the theoretical maximum of 4 FLOPs per cycle?	Dec 5, 2011
	428	How to convert a char array to a string?	Jan 22, 2012
	386	What does the constant 0.0039215689 represent?	Mar 24, 2014
	383	How do I properly compare strings in C?	Nov 4, 2011

Top Meta posts

 0  14

	551	Why is Stack Overflow so negative of late?
	206	The question to "The Answer" about branch prediction turned into Community Wiki
	132	Question is a Copyright Violation?
	82	What's the most reputation that anyone has earned on a single day?



44

Fall 2015 Moderator Election Q&A - Question Collection

Top network posts

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76

What happened to this user's rep, badges, and name?



66

When and why did the trend of 1:30-long openings and endings begin?



56

How is Misaka's railgun so destructive?



54

-100 Red Flag penalties are sometimes visible



50

What does "rep change" mean?

Communities

[Stack Overflow](#)

470.8k

[Meta Stack Exchange](#)

19.3k

[Anime & Manga](#)

7.5k

[Code Review](#)

486

[Area 51](#)

211