Learn to Code

OCDE 2015 STEM Symposium

utube link   http://bit.ly/1QUnsHA

When I was a young boy I was mesmerized by the moon .
I ordered via catalog a wall sized poster.
It showed the light side of the moon,I was puzzled by the names of the seas we knew nothing of.
I looked at it daily.
I was captivated.

The year was 1967,
The US space program was in full throttle. We all were wondering who was going to win the space race? Would the Russians take it? Or would we Americans?. There were so many technical hurdles and failed launches.[1]

Space was another dramatic arena for international competition, as each side sought to prove the superiority of its technology, its military firepower and–by extension–its political-economic system.

Do you remember that? (pause)

How were we going to get a man to the moon and safely back?
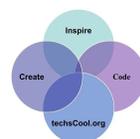
That was my inspiration. I was going to not just wonder how we were going to do it. I was going to have to be an engineer.

I was going to be a part of that landmark moment. Where space travel was adventure, and exploration and glory.

Today we've been to the moon and have sent numerous probes into deep space.

What is the next frontier? What is The next landmark event?

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[1] 20 July 1969 UTC, with Neil Armstrong and Buzz Aldrin on Apollo 11, successfully landed on the moon.

Today NASA is targeting Mars, we plan to launch several probes and be orbiting the planet with men during the 2030's.

Who will be the engineers to take us there?

That's where I need your help, to help launch the next round of engineers. To take us to the next level.

What's The goal? The immediate goal is winning the information age. We've gone from agrarian, to industrialized age to our computer age.. We all depend on computers to make all manner of business decisions.

We need the best minds to conquer the new frontier. That frontier is called innovation; and it's constantly changing.

Our technological and information leaps have benefited organizations and countries, that makes them more efficient and productive.

The capacity for innovating is what will set us apart.
Companies with software expertise , that is software engineers, will quickly take advantage of new opportunities.
Software expertise (AKA coding) is a critical layer in our digital world. It is a driving force in technology, to apply algorithms to the mass of data coming at us, to make sense of it. Or to integrate the various data streams into a easy to comprehend visual.

Innovative, engineers will be tomorrow's capital investment.
Will you invest your time and efforts today?
That's where I need your help, to help launch the next round of engineers. To take us to the next level.
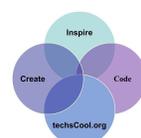
I've taught over 300 kids to code in 2015. I teach coding, because it is a fundamental skill. I use coding as a tool to teach them to think critically, tinker and improve their coding projects.
My goal is to teach 3000 kids to code in 2016.

Today I challenge you to help launch the next round of engineers.
We have approximately 61 days till the end of the year. Let's start planning for success.

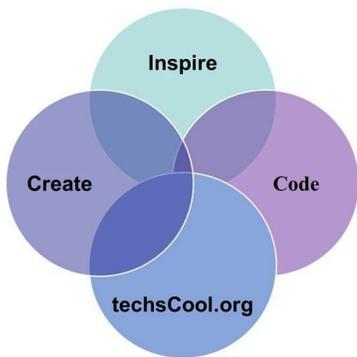So take out a pad and pen and write down your goals for 2016.

What are your top 3 overarching goals?

Write down your deadlines.

Now work on your plans.

Now to make your plans and goals a reality, you need to work on them for 10 hours/week for the next 10 weeks.

If you want to, email them to me and I'll keep you accountable.

Software is the language of our world
Software is becoming a critical layer of all our lives.

It is the language of our world..

It is crucial that every child learns to code

LEARN TO CODE; CODE TO LEARN