A scientist just like me

Daniel Csimszi

Computer scientist

why&
how?
PRIMARY SCIENCE
TEACHING TRUST

A scientist just like me

Hi there! I am Daniel Csimszi – A computer scientist

Where do I work?

I started my career as a software developer with an Artificial Intelligence background. Now I have established a company that produces electricity from renewable sources.

What did I like doing when I was at school?

Since I was about 10, I knew I wanted to work with computers. I always loved challenges, puzzles and the thinking part of mathematics.

What do I like doing in my spare time?

To relax, I do hands-on stuff like wood working and tinkering with electronics. I used to do quite a lot of sports and I also play a lot of computer games.

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What do I do as a computer scientist?

I design and create solutions for problems. As a computer scientist, I need to be able to 'read between the lines' as usually people do not know what they actually need and create the most suitable solution for them using different technologies.

How does what I do make the world a better place?

I design and create solutions for problems. With our current project we are focusing on making the world a greener place. We are helping to reduce energy usage for buildings, to reduce greenhouse gas emissions and save some money.

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What I like about my job

I solve puzzles/challenges and I like knowing that I have helped someone with their problem. It is amazing how much you can achieve with a few lines of computer code and to see software do what you want it to do. It can simplify a problem which could not have been done by a human being.
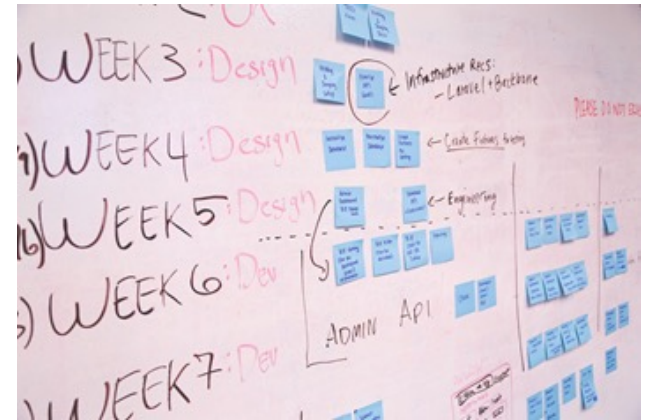
Challenges I have faced

Challenges are great, they make you grow! There are always things you do not know straight away in programming! This is when you grow, by learning what to do.

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If you want to be a computer scientist, you need:

* to love **planning and thinking**: planning is one of the most important parts, if you think your solution over first before programming, then you simplify your own job!

* to **be a good problem solver**: most of the cases you will be presented with are problems to be solved, you need to create solutions and make it work

* to be **interested in technology**: computing is a quickly advancing field, you need to be up to date about new technologies

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Discussion time

✹ Would you like to be a computer scientist like Daniel Csimszi?

Why? Why not?

✹ What skills and interests do you already have that would help you become a computer scientist?

✹ What new skills and knowledge would you need to develop?

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