**Interested in Computer Science?**

**But don't know where to start, What to learn first?**

I know some people might suggest you to do a Bachelor degree in CS or any relevant area and it might seem a good pathway but bachelor itself is not enough, Computer Science is huge and it covers every aspect of computing - both theory and practical application, and not just the Technology involved but the Business issues, Design, Management, Usability and Social aspects and it's applications in numerous industries. It's strongly related many other areas such as Math’s, Electronics, Engineering, Sociology and Psychology and the opportunities for research are enormous. Every device or technology we use from fridges to mobile phones, Cars to military aircraft has input from computer science.

**So, Where to start?**

I can’t tell you where exactly to start but in my opinion, First step towards anything is to know yourself by finding your interests and capabilities. Don’t just follow up the random trends because learning without a solid reason is very hard. To find what you like “Research” on different topics on internet, It might seem waste of time but it’s not unless you go to a Career Consultant. Well, In Computer Science particularly you can watch the short video “Map of Computer Science” by Domain of Science on YouTube, It’s a great video & worth watching. After that you can do a Crash Course on Computer Science.

https://youtube.com/playlist?list=PL8dPuuaLjXtNlUrzyH5r6jN9ulIgZBpdo

Below are Websites for learning different topics, You might find some paid stuff as well but I’ll try to categorize them in future

11 Sites for Free Online Education

[www.classcentral.com/report/coursera-free-online-courses](http://www.classcentral.com/report/coursera-free-online-courses)

www.classcentral.com

www academy.hubspot.com

www typing.com

www efset.org

www skillsbuild.org

www dlsei.hec.gov.pk

www.piaic.org

skillshop.exceedlms.com

www.codecademy.com

www.lynda.com

[www.udemy.com](http://www.udemy.com)

www learndigital.withgoogle.com/

[www.udacity.com](http://www.udacity.com)  
  
www.w3schools.com

www.thenewboston.org

www.programmr.com

[www.codeavengers.com](http://www.codeavengers.com)

www.codeschool.com

www.learnstreet.com

www.teamtreehouse.com

www.sqlzoo.net

www.codehs.com

www.teamtreehouse.com

www.html5rocks.com

www.codepen.io

www.sitepoint.com

www.tutorialspoint.com

www.javatpoint.com

www.cplusplus.com

www.learncpp.com

www.tutorialspoint.com

www.cprogramming.com

www.stackoverflow.com

www.learncodethehardway.org

www.bloc.io

www.howtocode.io

www.edx.org

www.instructables.com

www.developer.apple.com

www.developer.android.com

www.developers.google.com

www.developer.mozilla.org

www.msdn.microsoft.com

www.dev.opera.com

www.www.developphp.com

www.quackit.com

www.htmlite.com

www.siteduzero.com

www.dreamincode.net

www.phpbuddy.com

www.php.net

www.microsoftvirtualacademy.com

[www.professormesser.com](http://www.professormesser.com)

Photoshop and Graphics

www.adobe.com

www.adobeknowhow.com

www.pixel2life.com

www.photoshopessentials.co

www.photoshop-tutorials.deviantart.com

www.phlearn.com

www.design.tutsplus.com

www.practicalphotoshopmag.com

www.tutorial9.net

www.pshero.com

www.psdlearning.com

www.alison.com

Programing and Other IT Projects

www.freeprojectscode.com

www.sourcecodesworld.com

www.freecode.com

www.codeproject.com

www.freestudentprojects.com

www.programmersheaven.com

www.code.google.com

www.planet-source-code.com

www.dzone.com

www.thefreecountry.com

www.sourceforge.net

www.creately.com/diagram-examples

www.freewebsitetemplates.com

www.templatemo.com

www.oswd.org

www.designrazzi.net/2014/free-css3-html5- templates

www.html5up.net

www.freehtml5templates.com

www.themesbase.com/WordPress-Templates

www.templaty.com

www.arblogger-templates.com

www.templates.ssdaa.com

iTunesU Free Courses

MIT OpenCourseWare

Stanford Online

Codecademy

ict iitr

ict iitk

NPTEL

10 Sites to learn Excel for free

Microsoft Excel Help Center

Excel Exposure

Chandoo

Excel Central

Contextures

Excel Hero b.

Mr. Excel

Improve Your Excel

Excel Easy

Excel Jet