

#edchatie Number 80



A weekly discussion by Irish educators. The topic was "Computing/Computer Science as a standalone Leaving Cert. subject, to help address IT skills gap in industry (<http://goo.gl/KnYma>)?", Mon 14th January, 2013.

by [fboss](#)



- Monday Chats 2 [#flipclass](#) [#EngageChat](#) [#edchatIE](#) [#stuvoice](#) [#vachat](#) [#learntalk](#) <http://t.co/SsrltgwS> Please inform me of any changes

[cvbraryman1](#) 16 hours ago



- [@bop_murf](#) [@AodhanORiordain](#) Looking forward to hearing about it from you for [#edchatie](#) tonight - 8.30-9.30pm (Irish time)

[fboss](#) 16 hours ago



- [@OLNicki](#) Remember, you can add your thoughts before or after and I'll try to include them in the [#edchatie](#) transcript too

[fboss](#) 14 hours ago



- [@fboss](#) great topic, great idea. Computing for LC could fill employment gap, benefit LC Maths/Science and aid Numeracy. Win win. [#edchatie](#)

[siavc](#) 14 hours ago



- [@fboss](#) I think it would be great to see tech skills integrated across subjects but I think a separate subject may be necessary... [#edchatie](#)

[OLNicki](#) 14 hours ago



- [@fboss](#) ... at the moment. Teachers' IT skills may be too inconsistent for the former. [#edchatie](#)

[OLNicki](#) 14 hours ago



- [@OLNicki](#) I agree with that there Nicki [#edchatie](#)

[roygmitchell](#) 14 hours ago



- [@OLNicki](#) true but I do think that we're in a serious transition re ICT skills and attitudes...surprisingly age doesn't matter [#edchatie](#)

[roygmitchell](#) 14 hours ago



- Don't forget [#edchatIE](#) happens every Monday 20:30-21:30. Join in the discussion with Irish Educators.

[IrishEducation](#) 13 hours ago



In 20 mins #edchatie is about: Computing/Computer Science as standalone Leaving Cert. subject, to help address IT skills gap in industry?

[fboss](#) 13 hours ago



@fboss Only other thing I might say is that we need to focus on what's best for students, not what teachers are comfortable with. #edchatie

[OLNicki](#) 13 hours ago



@fboss Not that I claim to know what's best for them. I just hope we're all keeping an open mind. #edchatie

[OLNicki](#) 13 hours ago



@fboss Afraid I won't have much to add to tonight's topic, but will be listening with interest! #edchatie

[m2thefizzle](#) 13 hours ago



Any one involved in @coderdojo might be interested in tonight's #edchatie@ "Computing/Computer Science as standalone Leaving Cert. subject"

[fboss](#) 13 hours ago



Don't forget the hashtag #edchatie in all tweets tonight so they can be added to the transcript & saved here: <http://t.co/kU3XqaAD>

[fboss](#) 13 hours ago



Spelling Test by TapToLearn Software Free app that lets u type your own words n record voice:-
) #edchatie <http://t.co/LBJbZp1j>

[m2thefizzle](#) 12 hours ago



Welcome to tonight's #edchatie As usual, before we begin in earnest, please introduce yourself

[fboss](#) 12 hours ago



@fboss What's your topic tonight? #edchatie Sorry I missed!

[hechternacht](#) 12 hours ago



@hechternacht It's: Computing/Computer Science as standalone Leaving Cert. subject, to help address IT skills gap in industry? #edchatie

[fboss](#) 12 hours ago



Damien, primary teacher in Sligo. I may be a bit in and out tonight! #edchatie

[seomraranga](#) 12 hours ago



[#edchatie](#) Conor, second level. We currently have Computer Science as a standalone subject so obviously I am in favour!

[conpower](#) 12 hours ago



• Laurence Cuffe Maths teacher and computational Chemist, Wicklow VEC [#edchatie](#)

[CuffeL](#) 12 hours ago



• Rob here - part time MSc. in Cloud Computing student @ CIT. Researching Cloud platforms for IT/ICT at Secondary level in Ireland [#edchatie](#)

[RedLedbetter](#) 12 hours ago



• Fred, second level art teacher, now with PDST Technology in Education (formerly <http://t.co/qRYD1ytx>) [#edchatie](#)

[fboss](#) 12 hours ago



• [@fboss](#) Thank you! [#edchatie](#)

[hechternacht](#) 12 hours ago

• Content from Twitter



• John in Mayo [#edchatie](#) Hope that we have a few CS lecturers to add their 2 c

[johnmavo](#) 12 hours ago



• James in Co. Limerick. [#edchatie](#)

[MissionVHQ](#) 12 hours ago



• Mary Jo, teaching Senior infants, some of whom are well on their way to being Computer Scientists! [#edchatie](#)

[7MJB](#) 12 hours ago



• Hi All. Alan, creative multimedia student at lit Tipperary [#edchatie](#)

[AlanRiain](#) 12 hours ago



• Computing/Computer Science as standalone Leaving Cert. subject, to help address IT skills gap in industry? Thoughts? [#edchatie](#)

[fboss](#) 12 hours ago



• [#edchatie](#) Clare in Limerick. All over cs at leaving cert level!

[vcmcinerney](#) 12 hours ago



• [#edchatie](#) Problem is CS changes fast as a subject, and LC curricula are slow moving beasts

[CuffeL](#) 12 hours ago



Hope all those who voted for this topic are taking part tonight :-) [#edchatie](#)

[7MJB](#) 12 hours ago



Since I am a government artist, I keep an eye on tech jobs esp with big IFI cos language most popular job in IRL & we can't fill [#edchatie](#)

[johnmayo](#) 12 hours ago



[@7MJB](#) That's good to hear at the start of tonight's [#edchatie](#) on Computing/Computer Science as standalone Leaving Cert. subject

[fboss](#) 12 hours ago



[@fboss](#) What age profile does the IT "skills gap" apply to?? [#edchatie](#)

[henrymartin1](#) 12 hours ago



[#edchatie](#) Laurence the CS course we offer has material set by the University so topics such as Virtualisation and Cloud Computing come up.

[conpower](#) 12 hours ago



I don't feel that qualified to speak on this subject tonight so I'm hoping to learn what it involves from those in the know! [#edchatie](#)

[seomraranga](#) 12 hours ago



Mary in Waterford. Know v little(if anything) about tonight's topic, but listening in.... [#edchatie](#)

[m2thefizzle](#) 12 hours ago



15 Free Learning Tools You've Probably Never Heard Of <http://t.co/WJBZpAGe> via [@teachthought](#) (via [@Stephen_H](#)) [#edtech](#) [#edchatie](#)

[levdavidovic](#) 12 hours ago



Henry Martin. Primary Teacher, ICT Masters Student in Mary I, PDST/formerly NCTE Tutor [#edchatie](#)

[henrymartin1](#) 12 hours ago



[#edchatie](#) The new JC has allowed us to cover a lot of the LC material at JC level so we will have to revamp the LC course.

[conpower](#) 12 hours ago



[@henrymartin1](#) Think there's 2 parts to tonight's [#edchatie](#) => 1. Leaving Cert subject & 2. IT skills gap in industry.

[fboss](#) 12 hours ago



Have visited 4 Google & 2 MS sites over my 2 careers- it is very multinational staffing [#edchatie](#)

[johnmayo](#) 12 hours ago



Industry (IBEC and so on) seem to be referring to an IT skills gap at 3rd level graduate level [#edchatie](#)
[RedLedbetter](#) 12 hours ago



[@ycmcinerney](#) Welcome along Clare. Nice to catch up with you again. You must see a lot of Computer Skills in schools [#edchatie](#)
[fboss](#) 12 hours ago



[#edchatie](#) A lot of our Leaving Cert CS students are now studying relevant courses at third level. Experience help as much as the extra point
[conpower](#) 12 hours ago



[@conpower](#) But can we replicate your school though???? [#edchatie](#)
[johnmavo](#) 12 hours ago



[@henrymartin1](#) As to what age the "skills gap" applies to - I'm not sure. Straight from college? More experienced? [#edchatie](#)
[fboss](#) 12 hours ago



[#edchatie](#) There are two other school offering the Leaving Cert computer course along with us John.
[conpower](#) 12 hours ago



[@fboss](#) thanks Fred. Yes lots of cs skills in schools and lots of interest in junior cycle short course on cs/computing! [#edchatie](#)
[ycmcinerney](#) 12 hours ago



[#edchatie](#) Roy, primary teacher in Sligo. Sorry I'm late. Might be in and out too
[roygmitchell](#) 12 hours ago



[#edchatie](#) Edel in Monaghan, sorry I'm late to this
[Tumedel](#) 12 hours ago



[#edchatie](#) CS vital. Crazy situation to have students committing to CS courses without having a clue of what they will be studying!
[conpower](#) 12 hours ago



[@conpower](#) Have you a few links to the Computer Skills syllabus? Sounds very interesting. What accreditation comes with it? [#edchatie](#)
[fboss](#) 12 hours ago



[@fboss](#) [#edchatie](#) There are points available for UL, Tralee and WIT for students.
[conpower](#) 12 hours ago



• [@fboss](#) I would be amazed if graduates had a skills gap, since IT competence is imperative to actually get to graduation stage [#edchatie](#)

[henrymartin1](#) 12 hours ago



• [@conpower](#) So another 725 schools left to go :-> [#edchatie](#)

[johnmavo](#) 12 hours ago



• [#edchatie](#) Points are added by individual admissions offices as opposed to CAO.

[conpower](#) 12 hours ago



• [@henrymartin1](#) I think then we're looking at what sort of IT or ICT skills are required? Just saw the PULSE ad on TV tonight [#edchatie](#) (1/2)

[fboss](#) 12 hours ago



• [#edchatie](#) Hi all Fiona in Donegal here - prob not have much to contribute as primary but will listen in

[ffarry1](#) 12 hours ago



• [@conpower](#) +1! Although students applying for CS'ish courses at 3rd lvl, inappropriate skills could lead 2 increased drop out rates [#edchatie](#)

[RedLedbetter](#) 12 hours ago



• Would love to have been taught more computers before heading to college. [#edchatie](#)

[AlanRiain](#) 12 hours ago



• [@fboss](#) A Leaving Cert subject in Computing certainly has its merits [#edchatie](#)

[henrymartin1](#) 12 hours ago



• [@RedLedbetter](#) [#edchatie](#) As the exams we run are set but he computer science dept. in the University they skill are very relevant.

[conpower](#) 12 hours ago



• [#edchatie](#) Would a more general ICT course be more suited to schools rather than an CS course

[johnmavo](#) 12 hours ago



• (2/2) PULSE College free course <http://t.co/rvcB01CW> <- free to those on Live register [#edchatie](#) (computer games skills)

[fboss](#) 12 hours ago



• [@johnmavo](#) [#edchatie](#) I think you need CS course. Its like saying would you be better doing a general Science course instead of Physics.

[conpower](#) 12 hours ago



• [#edchatie](#) I think reform at junior cycle will have to be tried out before we see change at leaving cert.

[vcmcinerney](#) 12 hours ago



• [@johnmayo](#) SO, IT skills + a foreign language too. Think we're upping the ante here already. Computers, but not in isolation [#edchatie](#)

[fboss](#) 12 hours ago



• [#edchatie](#) Ciara in Dublin :)

[PrimEdTeacher](#) 12 hours ago



• [@RedLedbetter](#) often 3rd Level is theoretical, industry looking for V applied skills. coding,not denotational semantics [#edchatie](#)

[Cuffel](#) 12 hours ago



• [#edchatie](#) Liam, not a teacher, (Donegal), think even a decent programme for TYs would be good instead of ECDL a lot do.

[LiamPort](#) 12 hours ago



• [@johnmayo](#) [@conpower](#) Why Not? A case study that could help [#edchatie](#)

[fboss](#) 12 hours ago



• Would love to do CS if I was back in secondary school. Think it definitely should be a LC subject [#edchatie](#)

[7MJB](#) 12 hours ago



• Why is Software development/coding not treated with the same relevance as a foreign languages at Secondary Level? [#edchatie](#)

[RedLedbetter](#) 12 hours ago



• [@fboss](#) [@johnmayo](#) Prob the introduction of mandarin too! [#edchatie](#)

[caramcdermott](#) 12 hours ago



• [@conpower](#) Agree! Do you think getting to grips with Comp. Sci. helped them with work needed for college? [#edchatie](#)

[fboss](#) 12 hours ago



• [@fboss](#) [#edchatie](#) 100% Fred. I think our students benefited more from having the head start on their course than the extra points.

[conpower](#) 12 hours ago



• The rock beneath the plimsol line in this debate will be teachers interested and good enough to teach it [#edchatie](#)

[johnmayo](#) 12 hours ago



• [@fboss](#) Would need to be based around those who wont progress to third level as much as those who do. Project based? [#edchatie](#)

[henrymartin1](#) 12 hours ago



• [@henrymartin1](#) [@fboss](#) [#edchatie](#) Ours is 50% project (Programming, HTML, Database, Spreadheet) & 50% Theory

[conpower](#) 12 hours ago



• Looking in from afar tonight, happy to read the thoughts of those in second level [#edchatie](#)

[PrimEdTeacher](#) 12 hours ago



• [@johnmayo](#) Is there a fear of teaching CS? [#edchatie](#)

[RedLedbetter](#) 12 hours ago



• [@RedLedbetter](#) There are fewer speakers, so less broadly relevant. CS is much more than Coding [#edchatie](#) closer to Communications or English

[CuffeL](#) 12 hours ago



• Just found this <http://t.co/1mO3Q9vR> which led (last comment) to this <http://t.co/IGgNE87B> on Computer Science vs Computers [#edchatie](#)

[fboss](#) 12 hours ago



• [@CuffeL](#) Completely agree with the scope of CS being well beyond coding [#edchatie](#)

[RedLedbetter](#) 12 hours ago



• [@john_fee](#) Hi there. Do you mean using computer programs like word processing-type skills or programming? [#edchatie](#)

[fboss](#) 12 hours ago

• [@fboss](#) [@johnmayo](#) It would be a great idea to take on Union languages such as French, German etc then move on to foreign languages [#edchatie](#)

[tv5monde_irl](#) 12 hours ago



• Some of you may not be aware but there is a growing digital humanities sector in Ireland -lines will begin to blur with trad subj [#edchatie](#)

[johnmayo](#) 12 hours ago



• Still afraid that a CS LC subject will let other teachers off the digital literacy hook - not my subject mentality [#edchatie](#)

[johnmayo](#) 12 hours ago



• So how do u introduce CS? While JC reform is a start, how long will it be b4 decision on LC course is taken, if ever! [#edchatie](#)

[RedLedbetter](#) 12 hours ago



• [#edchatie](#) Pauric here listening in, ICT and Math secondary teacher in Donegal

[PaioODonnell](#) 12 hours ago



• Just halfway through tonight's [#edchatie](#) discussion on Computer Skills as a Leaving Cert subject & it's already opened up to cover a lot

[fboss](#) 12 hours ago



• [@johnmayo](#) [#edchatie](#) - ICT is a key skill all students need it, all teachers should teach it. CS should be optional.

[conpower](#) 12 hours ago



• [#edchatie](#) Michael Madden, Head of CS/IT Dept in NUIG.

[michaelgmadden](#) 12 hours ago



• [@conpower](#) Out of interest - who marks the Computer Skills coursework for it to be able to carry extra points for some colleges? [#edchatie](#)

[fboss](#) 12 hours ago



• [@RedLedbetter](#) <http://t.co/KOB72aGB> "programming is a way of thinking" not a rote skill [#edchatie](#)

[CuffeL](#) 12 hours ago



• [@fboss](#) there is a renewed interest in cs education in uk. Shut down or restart doc makes for interesting read [#edchatie](#)

[ycmcinerney](#) 12 hours ago



• [@fboss](#) [#edchatie](#) The majority is marked by the University, one of the projects marked in house.

[conpower](#) 12 hours ago



• [#edchatie](#) I'm strongly in favour of Comp Sci at LC, but don't think it should be motivated by narrow issue of industry IT skills gap.

[michaelgmadden](#) 12 hours ago



• [@RedLedbetter](#) [@johnmayo](#) Are there enough teachers to teach it? Who should teach it to Leaving Cert standard? What's the standard? [#edchatie](#)

[fboss](#) 12 hours ago



• [#edchatie](#) We offer GCSE ICT to our TY students in which they learn databases, spreadsheets, PowerPoint, computer game design and HTML

[PaioODonnell](#) 12 hours ago



[@fboss](#) coming late to [#edchatie](#) Do people understand CS is not same as programming. also we should educate entrepreneurs not employees

[dermotcasey](#) 12 hours ago



• Maybe as a start non CS school can start mentoring CD interest without a CS LC option [#edchatie](#)

[johnmayo](#) 12 hours ago



• Surely a general ICT based subject should run from 1st to 5th year. Make it compulsory but not examinable until leaving cert. [#edchatie](#)

[AlanRiain](#) 12 hours ago



• [@ycmcinerney](#) Have been following some of the discussion through the Miranda Network. It's interesting [#edchatie](#)

[fboss](#) 12 hours ago



• [@conpower](#) I concur. Did Engineering originally in UL. We were with CS for 1st yr modules. Language Programming was double dutch. [#edchatie](#)

[henrymartin1](#) 12 hours ago



• [#edchatie](#) We have a model of CS at LC that clearly works, we just need wider adoption!

[conpower](#) 12 hours ago



• Robin Barnes, LS Teacher, Louth...How about sustained integration of IT skills through the secondary school for all pupils [#Edchatie](#)

[spideogtweet](#) 12 hours ago



• [@AlanRiain](#) [#edchatie](#) If ICT is integrated into the curriculum it shouldn't need to be a discrete subject. CS would be a discrete subject.

[conpower](#) 12 hours ago



• [@dermotcasey](#) Welcome along. Would this be a fair summary -> <http://t.co/au9bjFkU> ? [#edchatie](#)

[fboss](#) 12 hours ago



• But would we need a [@conpower](#) in every sch. I worked with some great progammers but would not have confidence to teach alot of CS [#edchatie](#)

[johnmayo](#) 12 hours ago



• [#edchatie](#) Mags here, second level, all girls school. Just reintroducing programming to citric after 30 yr gap.

[magsamond](#) 12 hours ago



• [@johnmayo](#) [#edchatie](#) I think for dedicated students not necessarily. There are more self study materials and tools for CS than any other sub.

[conpower](#) 12 hours ago



• [#edchatie](#) For IT skills gap in industry currently lots of hdip cs program's on offer at 3rd levels for people with non IT backgrounds.

[ycmcinerney](#) 12 hours ago



• [@conpower](#) [#edchatie](#) I'm not saying for it to be discrete but for it to be a primer for what's to come.

[AlanRiain](#) 12 hours ago



• [@johnmavo](#) [#edchatie](#) subject. You can use the technology to collaborate with partner Universities - Google Hangouts / VLE forums etc.

[conpower](#) 12 hours ago



• [@conpower](#) Would agree with that :-) [#edchatie](#)

[johnmavo](#) 12 hours ago



• [@PajoODonnell](#) Welcome along. Feel free to add to the conversation on tonight's [#edchatie](#)

[fboss](#) 12 hours ago



• [#edchatie](#) well, I should correct myself, we are introducing computational thinking, of which programming is subset.

[magsamond](#) 12 hours ago



• [@fboss](#) [@dermotcasey](#) Thinks a digital arts programme, a digital languages programme a digital sciences programme... [#edchatie](#)

[CuffeL](#) 12 hours ago



• [@johnmavo](#) [@conpower](#) Is this (ability to teach CS) a problem with the concept of setting your own curriculum (JC reform)? [#edchatie](#)

[RedLedbetter](#) 12 hours ago



• [@conpower](#) Playing a bit of devils advocate here [#edchatie](#)

[johnmavo](#) 12 hours ago



• [@conpower](#) [@AlanRiain](#) Agree 100%. Your earlier General science vs Physics comment sums it up. [#edchatie](#)

[henrymartin1](#) 12 hours ago



• [@conpower](#) Is it marked through a computer or pen & paper exams? Would exam scale to more schools? [#edchatie](#)

[fboss](#) 12 hours ago



• [#edchatie](#) We are running a JC programming course as part of the new JC. A lot of the teaching is peer to peer. The keen students lap it up..

conpower 12 hours ago



• True. MT @ycmcinerney: #edchatie For IT skills gap in industry currently lots of hdip cs programs at 3rd levels for people with non IT bg.

michaelgmadden 12 hours ago



• #edchatie ... and help out the students who take that bit longer. One student wanted to join the course so bad he found out what we were doing

conpower 12 hours ago



• #edchatie .. and wrote a program to make his case!

conpower 12 hours ago



• @AlanRiain My school had 1 class a week for Computers - overly full timetable as it was. TY had more time. Computers in a room. #edchatie

fboss 12 hours ago



• Focusing on just programming wouldn't last long term. Would a broader more varied curriculum not be better? #edchatie

AlanRiain 12 hours ago



• @Cuffel @dermotcasey That would be a course (or two) that I would be interested in myself #edchatie

fboss 12 hours ago



• @conpower Do u teach software development methodologies as part of the course (such as Agile)? UK looking 2 introduce this element #edchatie

RedLedbetter 12 hours ago



• The genius of Jodie Foster's speech from @Guardian <http://t.co/2BpV3WUB> #movies #engchat #edchatie great analysis

levdavidovic 12 hours ago



• @fboss #edchatie There is a 3h. written paper, practical programming / html, practical spreadsheet & database.

conpower 12 hours ago



• @AlanRiain Agree. Just programming is like teaching bricklaying instead of Architecture #edchatie

Cuffel 12 hours ago



• @RedLedbetter #edchatie We do look at interaction design in terms of software development.

conpower 12 hours ago



• @conpower Sounds like the type of interview some companies do - they ask you to code for some of it #edchatie

fboss 12 hours ago



• [@RedLedbetter](#) [#edchatie](#) As we move to cover the basics of programming at JC level there will be much more scope for software design LC

[conpower](#) 12 hours ago



• [@fboss](#) [#edchatie](#) You can't beat real world skills.

[conpower](#) 12 hours ago



• What about introducing Enterprise Class IT Systems? e.g. "this is how iTunes works", "these systems allow Netflix to stream video" [#edchatie](#)

[RedLedbetter](#) 12 hours ago



• Lurking in and out. Deirdre primary sub teacher [#edchatie](#)

[subkiteu](#) 12 hours ago



• [@fboss](#) If an ICT subject was integrated properly into the curriculum then surely it would be great for all concerned. [#edchatie](#)

[AlanRiain](#) 12 hours ago



• [@RedLedbetter](#) [#edchatie](#) When I though in the UK the kids could do CCNA exams in school. I though that was cool + extra onsite techies!

[conpower](#) 12 hours ago



• [@CuffeL](#) [@AlanRiain](#) I don't agree w/ bricklaying analogy. Pprogramming is insufficient for computational thinking, but necessary. [#edchatie](#)

[michaelgmadden](#) 12 hours ago



• Missing [#edchatie](#) tonight but will catch up tomorrow. Looking forward to hearing views on this one.

[muirfoynes](#) 12 hours ago



• [@RedLedbetter](#) Are you thinking cloud computing and big data? [#edchatie](#)

[CuffeL](#) 12 hours ago



• [#edchatie](#) never have been in favour of education just to fill gaps in labour market, prefer to educate thinkers and does

[magsamond](#) 12 hours ago



• [@muirfoynes](#) Feel free to add in your 2c when you can. I'll be compiling the transcript tomorrow for the [#edchatie](#) Wiki <http://t.co/i35TU65e>

[fboss](#) 12 hours ago



[@Cuffel](#) Yes, but only as sub-topics within a CS module for LC. Maybe to introduce how everyday apps can be explored [#edchatie](#)

[RedLedbetter](#) 12 hours ago



• [@Cuffel](#) [@AlanRiain](#) To me, more like needing to understand basic arithmetic before moving to more advanced mathematical concepts. [#edchatie](#)

[michaelgmadden](#) 12 hours ago



• [@michaelgmadden](#) [@cuffel](#) Students will have to crawl before they can walk. Why teach programming before they have basic ICT skills? [#edchatie](#)

[AlanRiain](#) 12 hours ago



• Currently reading the history of Enigma during WWII - increasing my interest in computational thinking [#edchatie](#)

[johnmavo](#) 12 hours ago



• [@fboss](#) not really for computer science. Databases yes. But DB theory and practice not just programming them [#edchatie](#)

[dermotcasey](#) 12 hours ago



• [@AlanRiain](#) [@Cuffel](#) I didn't say that! Naturally basic ICT skills needed first! [#edchatie](#)

[michaelgmadden](#) 12 hours ago



• Focusing on programming will alienate some students in class. Basic ICT skills should be focused on first. [#edchatie](#)

[AlanRiain](#) 12 hours ago



• [@dermotcasey](#) Think we've a v broad [#edchatie](#) topic tonight Computing and/or Computer Science + Leaving Cert subject + industry skill gaps

[fboss](#) 12 hours ago



• [@michaelgmadden](#) [@AlanRiain](#) trying to express how much more there is in the digital forest, than just programming. [#edchatie](#)

[Cuffel](#) 12 hours ago



• [@Cuffel](#) [@AlanRiain](#) Not sure there is any "just programming" Not the same as bricklaying. Necessary but not sufficient on its own [#edchatie](#)

[dermotcasey](#) 12 hours ago



• [@AlanRiain](#) what are basic ICT skills ? [#edchatie](#)

[dermotcasey](#) 12 hours ago



• [@AlanRiain](#) [@michaelgmadden](#) [@cuffel](#) [#edchatie](#) Our first years were beyond basic ICT skills. They are growing up with the technology.

[conpower](#) 12 hours ago



The IT skills gap is somewhat irrelevant - however, having the "option" of learning CS at Secondary level should be discussed [#edchatie](#)

[RedLedbetter](#) 12 hours ago



Coming late to this [#edchatie](#). CoderDojo seems to be filling a gap for kids interested in ICT to learn from each other & volunteers.

[muirfoynes](#) 12 hours ago



[@AlanRiain](#) and lets face it programming will be less alienating to many than Irish :-) (includes self in that list) [#edchatie](#)

[dermotcasey](#) 12 hours ago



[@dermotcasey](#) Snap! [@CuffeL](#) [@AlanRiain](#) [#edchatie](#)

[michaelgmadden](#) 12 hours ago



[@AlanRiain](#) yes absolutely but give those interested in cs the opportunity to learn more [#edchatie](#)

[ycmcinerney](#) 12 hours ago



[@RedLedbetter](#) [#edchatie](#) - Computer Science one of the biggest faculties in every University yet not even a subject at second level!

[conpower](#) 12 hours ago



[@AlanRiain](#) [@michaelgmadden](#) [@CuffeL](#) I think programming now is like assembly 20 yrs ago Old school essential now V.recondite [#edchatie](#)

[CuffeL](#) 12 hours ago



[#edchatie](#) Ireland could be a world leader in ICT skills if political will and vision combined. I think ICT should def be an LC subject. 1/2

[muirfoynes](#) 12 hours ago



[#edchatie](#) First year students will eat up Scratch / Appinventor. Fourth year is too late.

[conpower](#) 12 hours ago



[@fboss](#) incredibly broad. Industry skills are an awful target. [#edchatie](#) Covering ICT, Computer Science, Information Systems & Programming

[dermotcasey](#) 12 hours ago



[@muirfoynes](#) [@coderdojo](#) is filling that gap-should aspects of it be used in schools? Computer/computing clubs or a full syllabus? [#edchatie](#)

[fboss](#) 12 hours ago



Integration! Integration! Integration! [#Edchatie](#)

[spideogtweet](#) 12 hours ago



[@muirfoynes](#) [#edchatie](#) Very much what Bill Liao was saying on the Last Word.. Codoerdojo being an example.. from Ireland to Silicon Valley

[conpower](#) 12 hours ago



[@dermotcasey](#) Agree, but it's been interesting to see the way the conversation has spread out tonight. [#edchatie](#)

[fboss](#) 12 hours ago



[@dermotcasey](#) Using computers/programmes properly. I just feel that students will miss out if they jump straight to programming. [#edchatie](#)

[AlanRiain](#) 12 hours ago



[@spideogtweet](#) [#edchatie](#) Digital Humanities Digital Humanities Digital Humanities

[johnmavo](#) 12 hours ago



[#edchatie](#) but ICT can't just be tagged on at end of school cycle, it needs to be taught all the way up, from Junior Infants on. 2/2

[muirfoynes](#) 12 hours ago



[@AlanRiain](#) [@dermotcasey](#) Think students need to play with programmes and then see what makes them tick. Could help interest them [#edchatie](#)

[fboss](#) 12 hours ago



[@conpower](#) True My TY daughters class bored with scratch. No magic left [#edchatie](#)

[CuffeL](#) 12 hours ago



I'm speaking from experience. I had no ICT skills before college and often find myself lost because of the leap into programming. [#edchatie](#)

[AlanRiain](#) 12 hours ago



[@AlanRiain](#) [#edchatie](#) the thing is, 'basic IT skills' is as long as a piece of string, means different things to different peoples

[magsamond](#) 12 hours ago



[@CuffeL](#) [#edchatie](#) From experience Forth Years are 'too cool' for Scratch. Get them in first year and by fourth year they can be making apps

[conpower](#) 12 hours ago



[@johnmayo](#) :) [#Edchatie](#)

[spideoqtweet](#) 12 hours ago



• [@spideoqtweet](#) Liking the friendly Dalek approach :-)) [#edchatie](#)

[fboss](#) 12 hours ago



• [@muirfoynes](#) but we don't have the digital literate teachers to do it [#edchatie](#)

[johnmayo](#) 12 hours ago



• [@fboss](#) computing clubs are a great idea, but structure would be v important. No point having an hour of gaming every week. [#edchatie](#)

[muirfoynes](#) 12 hours ago



• [@Cuffel](#) [@conpower](#) Agree. Coding languages become obsolete v quickly. Python now being thought in some schools. Useful skill though [#edchatie](#)

[RedLedbetter](#) 12 hours ago



• [@conpower](#) I think you have it exactly. [#edchatie](#).

[Cuffel](#) 12 hours ago



• [@dermotcasey](#) Don't agree, subjects like multimedia technology have taught me more about computers than programming ever has. [#edchatie](#)

[AlanRiain](#) 11 hours ago



• [#edchatie](#) Question would Computing/Comp Sci as a standalone Leaving Cert. subject help address IT skills gap in industry? Hmm...

[fboss](#) 11 hours ago



• [@fboss](#) kids need to be taught online etiquette & safety, as well as the tech side. [#edchatie](#)

[muirfoynes](#) 11 hours ago



• [#edchatie](#) Department have been cagey in the past due to costs. You could program pretty much anything with a €40 raspberry pi.

[conpower](#) 11 hours ago



• Nearly forgot to point out that we're into the last 3mins of tonight's [#edchatie](#)topic (& I think we're really only getting into it now)

[fboss](#) 11 hours ago



• [@fboss](#) [#edchatie](#) I think so Fred. I'm sure many gifted programmers have passed through the Irish system never having said 'Hello World'

[conpower](#) 11 hours ago



. @AlanRiain What would you define as basic ICT? #edchatie

dermotcasey 11 hours ago



@johnmayo I agree up to a point. More advanced courses in ICT need to be provided for those willing to undertake them. #edchatie

muirfoynes 11 hours ago



#edchatie Programming is a language. Irish system so focused on exams... if there ins't an exam they won't 'waste time' so loose out.

conpower 11 hours ago



Only the last 3 "official" mins. Feel free to continue the chat on tonight's #edchatie topic. Will compile tomorrow <http://t.co/i35TU65e>

fboss 11 hours ago



So what would it take to introduce CS at LC level? #edchatie

RedLedbetter 11 hours ago



@fboss Yes, it would. Developing a good dynamic curriculum, which would age well would be hard. but doable. #edchatie

CuffeL 11 hours ago



@fboss boo hiss #edchatie Setting up the #independentPeoplesFrontofEdChatIESplittersGroup

dermotcasey 11 hours ago



@RedLedbetter @CuffeL @conpower If programming is taught correctly, learners will be able to pick up new languages themselves #edchatie

michaelgmadden 11 hours ago



@RedLedbetter #edchatie Its already here on a very small scale but the model could be rolled out if more third level institutions agreed.

conpower 11 hours ago



Sorry. Late comer. For those interested I'm researching into the use of games for learning using readily-available technologies #edchatie

ronanlynch 11 hours ago



@RedLedbetter @CuffeL @conpower The short shelf life of programming languages is an issue we are v aware of in university ed. #edchatie

michaelgmadden 11 hours ago



- [@Cuffel](#) "Developing a good dynamic curriculum, which would age well would be hard. but doable" -> Curriculum 2.0? 2.1? 2.1.1? [#edchatie](#)

[fboss](#) 11 hours ago



- [@conpower](#) It may be here Conor, but if there's no CAO points available, why would a student bother? [#edchatie](#)

[RedLedbetter](#) 11 hours ago



- [@fboss](#) [@Cuffel](#) [#edchatie](#) Always have a 'new technologies' second... study will be to read the tech blogs.

[conpower](#) 11 hours ago



- no need for expensive technologies and/or s/w packages, or indeed an extensive knowledge of programming. Just good stories & ideas [#edchatie](#)

[ronanlynch](#) 11 hours ago



- [@RedLedbetter](#) [#edchatie](#) No CAO but most of our students go to UL so 100 points on offer there.

[conpower](#) 11 hours ago



- [@ronanlynch](#) [@dermotcasey](#) Never too late for [#edchatie](#) as I don't pull the tweets together until Tues morning for Wiki <http://t.co/i35TU65e>

[fboss](#) 11 hours ago



- [@dermotcasey](#) How to use a computer/its history and a subject like multimedia technology that teaches you how computers work. [#edchatie](#)

[AlanRiain](#) 11 hours ago



- [@michaelgmadden](#) [@RedLedbetter](#) [@conpower](#) A broad range of languages, and environments. Befunge etc. [#edchatie](#)

[Cuffel](#) 11 hours ago



- [@conpower](#) Some colleges looking for existing eportfolios too - should be advertised (like the 100 UL points) to incentivise [#edchatie](#)

[RedLedbetter](#) 11 hours ago



- [@Cuffel](#) [@michaelgmadden](#) [@RedLedbetter](#) [@conpower](#) & open source most if not all of it! [#edchatie](#)

[Cuffel](#) 11 hours ago



- [@Cuffel](#) [@michaelgmadden](#) [@RedLedbetter](#) [#edchatie](#) Our entire course can be completed on Open Source - OS and software V important!

[conpower](#) 11 hours ago



Sorry to have missed this chat, I am parent of a teen programmer who would love to do it as LC subject! [#edchatie](#)

[DazzlId](#) 11 hours ago



[#edchatie](#) I was pleasantly surprised to see two of the third years now using Linux as their primary OS!

[conpower](#) 11 hours ago



[#edchatie](#) At young scientist one of the Junior Tech. winners project was 'how to make your own Linux based OS'

[conpower](#) 11 hours ago



[@magsamond](#) [@dermotcasey](#) [@fboss](#) [#edchatie](#) Splitter!

[conpower](#) 11 hours ago



[@conpower](#) [@michaelgmadden](#) [@RedLedbetter](#) V.Good. Just need an AI version of yourself to deploy with it, and we are set! [#edchatie](#)

[CuffeL](#) 11 hours ago



[@conpower](#) Exactly, students def have the ability, but cannot be abandoned after JC level, that includes the JC reform. [#edchatie](#)

[RedLedbetter](#) 11 hours ago



[@CuffeL](#) [#edchatie](#) Am loving that all the new JC subjects we developed have no books - lead to much more engaging teaching.

[conpower](#) 11 hours ago



[@conpower](#) [@magsamond](#) [@dermotcasey](#) Guess I am a splitter - have to head now, but will compile all tweets tomorrow :-) [#edchatie](#) G'night all

[fboss](#) 11 hours ago



[@CuffeL](#) [@conpower](#) [@michaelgmadden](#) Don't worry about how to deploy it... it's in the Clouds, it's in the Clouds!!!! [#edchatie](#)

[RedLedbetter](#) 11 hours ago



[#edchatie](#) JC reform has blown everything wide open. We really need something for these students three years down the line.

[conpower](#) 11 hours ago



Thanks to everyone for taking part in tonight's continuing [#edchatie](#) conversation on Comp Sci + Leaving Cert + Industry

[fboss](#) 11 hours ago



[@fboss](#) [#edchatie](#) Night Fred, leave the Continuity Edchatie to us....

[magsamond](#) 11 hours ago



[@conpower](#) No books! so much for the students backs argument for tablets in school.. 4 another day. Night folks, kids to bd time. [#edchatie](#)

[CuffeL](#) 11 hours ago



• [@michaelgmadden](#) What short shelf life do you mean for languages? C is almost as old as I am and still very one of the most used. [#edchatie](#)

[stephen_oman](#) 11 hours ago



• Croke Park v2.0 = [#edchatie](#). Tell me some people aren't working overtime, and then some.

[PrimEdTeacher](#) 10 hours ago



• Monday Chats 2 [#flipclass](#) [#EngageChat](#) [#edchatIE](#) [#stuvoice](#) [#vachat](#) [#learntalk](#) Please inform me of any... <http://t.co/MPCbQ2bx>

[Edu Trends](#) 9 hours ago



• [@KenOConnorData](#) [@muirfoynes](#) [@CoderDojo](#) us a great, communal way of passing on learning [#edchatie](#)

[fboss](#) 1 hour ago

• Content from Twitter