

# Podcast Episode Hack To The Future

Like many young folks, Zach Latta went to a school that did not teach any computer lessons. But that didn't cease him from learning everything he may about them and becoming a programmer at a young age. After shifting to San Francisco, Zach founded Hack Membership, a nonprofit network of high school coding clubs around the globe, to assist different students discover the education and neighborhood that he wished he had as a teenager.

This week on our podcast, we talk to Zach concerning the importance of pupil entry to an open internet, why learning to code can improve equity, and how school's on-line security and the regulation typically stand in the best way. We'll also focus on how pc schooling can help create the subsequent generation of makers and builders that we want to resolve some of society's greatest issues.

Click on below to hearken to the episode now, or choose your podcast player:

```
%3Ciframe%20height%3D%2252px%22%20width%3D%22100%25%22%20frameborder%3D%22no%22%20scrolling%3D%22no%22%20seamless%3D%22%22%20src%3D%22https%3A%2F%2Fplayer.simplecast.com%2F3d2d347f-be2e-49f2-ba0e-dfd76c7ada74%3Fdark%3Dtrue%26amp%3Bcolor%3D000000%22%20allow%3D%22autoplay%22%3E%3C%2Fiframe%3E
```

Privacy information. This embed will serve content from simplecast.com

You may as well find the MP3 of this episode on the web Archive.

On this episode, you'll study:

- Why schools block some harmless educational content and coding resources, from frequent websites like Github to "view source" capabilities on faculty-issued units
- How locked down digital methods in colleges stop younger people from learning about coding and computers, and create fairness issues for students who are already marginalized
- How coding and "hack" clubs can empower younger people, assist them study self-expression, and find neighborhood
- How pervasive college surveillance undermines trust and limits people's skill to exercise their rights when they're older
- How younger people's curiosity for how issues work on-line has helped deliver us a few of the technology we love most

Zach Latta is the executive director of Hack Club, a nationwide nonprofit connecting over 14,000 young folks to assist them create and participate in coding clubs, hackathons, and workshops world wide. He is a Forbes 30 Under 30 recipient and a Thiel Fellow.

Music for a way to repair the Internet was created for us by Reed Mathis and Nat Keefe of

BeatMower.

This podcast is licensed Artistic Commons Attribution 4.Zero International, and includes the next music licensed Artistic Commons Attribution 3.Zero Unported by their creators:

- Heat Vacuum Tube by Admiral Bob (c) copyright 2019 Licensed beneath a Artistic Commons Attribution (3.0) license. <http://dig.ccmixer.org/files/admiralbob77/59533> Ft: starfrosch

- Drops of H2O ( The Filtered Water Therapy ) by J.Lang (c) copyright 2012 Licensed underneath a Artistic Commons Attribution (3.0) license. <http://dig.ccmixer.org/recordsdata/djlang59/37792> Ft: Airtone

- reCreation by airtone (c) copyright 2019 Licensed below a Artistic Commons Attribution (3.0) license. <http://dig.ccmixer.org/information/airtone/59721>

Sources

Coders' Rights

Coders' Rights Challenge

Coders' Rights Venture Reverse Engineering FAQ

Students' Rights and Surveillance

Student Privacy

Roseville City College District Embraces Chromebooks, But At What Cost?

Fewer Resources, Fewer Decisions: A college Administrator in Indiana Works to guard Student Privacy

Legal Overview: Key Laws Related to the Protection of Student Data

Proctoring Apps Topic College students to Unnecessary Surveillance

Student Privacy and the Battle to keep Spying Out of Colleges: 12 months in Overview 2020

Censorship Requires Surveillance

In the event you Construct It, They will Come: Apple Has Opened the Backdoor to Elevated Surveillance and Censorship World wide

Understanding and Circumventing Community Censorship

Hack Club

Map of Hack Clubs worldwide

Mirror ([bulCkcaH.com](http://bulCkcaH.com))

Transcript:

Zach: I grew up close to Los Angeles, each my parents have been social employees and rising up, I went to public schools that almost all colleges in America did not educate any pc courses. And for me, as a young particular person, I just felt like, oh my God, if solely I may determine how these magical gadgets work, that is the place the secrets of the universe lie. Nevertheless it was at all times a solitary exercise for me.

As a teenager I was very lonely and that culminated for me, I ended up dropping out of high school after my freshman 12 months when I used to be sixteen and i moved to San Francisco to become a programmer. And after working at a couple startups to get some money and put collectively some savings, I began Hack Club to attempt to create the form of place and community that I so desperately wished I had when I was a teenager.

Cindy: That is Zach Latta. He is the founder of Hack Membership and he's our visitor in the present day. Zach goes to inform us about how groups like Hack Membership are educating youngsters how you can hack and otherwise be creators online and the way that is one of many ways we may also help shift them from being just passive customers of the digital world to truly charting their own futures.

Danny: We're going to speak to Zach about student rights to an open internet, why learning to code can increase equity and what happens when a school's on-line security and the regulation get in the way of all that.

Cindy: I am Cindy Cohn, EFF's government director.

Danny: And I am Danny O'Brien, particular advisor to the EFF. Welcome to How to fix the Internet, a podcast of the Digital Frontier Basis, the place we deliver you huge ideas, options, and hope that we can repair the most important problems we face on-line.

Cindy: Zach, thanks a lot for joining us.

Zach: Nicely, thanks a lot for having me. I'm so honored. Rising up as a teenager, I simply liked the EFF and every part the group stood for. It's an actual honor to be with all of you here as we speak.

Cindy: Oh, terrific.

You reached out to EFF for help and that is how we ended up really assembly you. Can you discuss to us about what led you to do that?

Zach: We're a community of teenagers all across the world who love constructing things with computers and run communities to attempt and produce teenagers collectively, to make issues with technology. And nearly every month, now we have a serious problem the place a college district just blocks Hack Club. And there isn't any worse call to get from a Hack Club, they're saying, "All right, I obtained 20 folks within the room, we're attempting to get began,

hackclub.com is blocked, github.com is blocked, Stack Overflow is blocked, how can we probably run our meeting from right here?"

Due to this drawback, form of in a little bit of frustration. With some Hack Clubbers I wrote a letter to EFF support line, simply saying, "Hey, is there any method that EFF might be in a position to assist us with this? As a result of that is starting to be a thing where it isn't like one college has this problem, it's like we have dozens of faculties around America where just every little thing's blocked."

Danny: Just to be clear here, this isn't simply you being blocked, that is major informational assets, right?

Zach: Oh yeah. It's crazy. If you're a younger one that desires to find out about computer systems and desires to learn how to code, you sort of need the internet to try this. Minecraft-server-list And also you depend on sites like Google, like GitHub, like Stack Overflow, like GitLab. There's a complete ecosystem that every single professional developer relies on every single day and at a significant percentage of colleges round America, all of these sources are simply blocked, including hackclub.com.

We run a club regionally here in Vermont, where we test out all of our stuff earlier than we put it online and open supply it. And I was speaking with a Hack Clubber there where actually each single website apart from faculty classroom is blocked on their college pc. And this Hack Clubber is not from a family with means so the only laptop that they have access to at residence is their school issued Chromebook. And as a result, he's six weeks behind everyone else on this membership and still hasn't gotten past the preliminary hurdle of constructing early websites.

Danny: Clearly what you might be doing in Hack Membership have to be extremely subversive to be blocked in this way. What are you doing? What are these kids studying or failing to learn because they can't really access to the web?

Zach: What Hack Membership's all about is bringing teenagers together who love computer systems and need to learn to make issues with computer systems. Whether it's constructing a website or making a video sport or possibly even starting a neighborhood enterprise and most schools do not provide any curriculum or assist around that. What Hack Clubbers are doing is in their conferences, they're often trying to be taught HTML, CSS, JavaScript or later on, more advanced languages like Rust or recently there's an enormous motion around Zig, which is a new fashionable language. And when you're making an attempt to run the assembly and produce folks to github.com, where we've got a variety of our sources, when it is blocked, it is the assembly's useless on arrival. I do not think college directors are bad folks. I come from a long line of teachers and I believe that people in faculties are doing their greatest but are in all probability afraid round things like legal responsibility.

Cindy: Their incentive is simply to ensure that children do not ever get to something that may

presumably be problematic. They haven't got an incentive to make sure kids can actually be taught a few of these expertise. And so, once you outsource this to individuals whose business it's to block, they're going to dam as opposed to having a thoughtful process by which you determine what do students really need to learn? And I feel you are totally proper, when it comes to laptop programming and understanding how computers work, all people discovered this by going out onto the web and discovering the locations the place different persons are sharing this and one thing like GitHub, a huge proportion of what really runs the internet is there. It's a little crazy

Danny: After we educate folks to read and write, we're not expecting them to be English literature students or novelists. We're giving them the instruments to work in society. When we've studying, writing and algorithms or no matter, it's in order that they will do what they wish to do in society and they will build society with an understanding of the things round them.

Zach: While you realize that the world round us is constructed by other human beings, you realize you could possibly be a type of human beings. I believe that beginning 10 years in the past, there was this large shift in education that occurred. And for some cause still is not actually a part of the dialogue around what good classrooms or good studying environments seems to be like, which is that each single younger person on the planet started having these magical gadgets in their pockets, which had all of human historical past and knowledge on them. These things are higher than the Library of Alexandria. This is it. It would not get better. And I believe that so much of public training techniques around the globe are designed to solve entry issues. How will we simply simply get entry to knowledge in front of all people and to them?: And we've built this unimaginable distribution mechanism. It's really exceptional however I feel the brand new challenge of learning within the twenty first century is considered one of motivation. How can we get people to care? How do we get people to make use of this? And I think that once we lock down digital programs around young people, we type of inform them, "Don't poke and prod, don't strive issues, don't exit of your option to go down a path that we haven't pre-accredited for you." And I believe that that kind of kills curiosity. It is really counterproductive.

Danny: How a lot do you consider it is because you're referred to as Hack Membership? How much do you think is because folks affiliate that with malicious hacking?

Zach: I think it's maybe a small component. Though I believe Hack Membership as an organization is just a little subversive in nature. We work immediately with teenagers. We operate kind of outside of the system, in some regards. The schools that Hack Clubs are in, normally the school loves Hack Membership because it's teenagers at their college who are getting together in a method which means that they are really engaged in their learning. And we're one in all a whole lot of teams that run into these problems each single day. And I feel this idea of students' rights, notably on the web, because it's so new, it is so technical, just for some cause isn't talked about in any respect, although it impacts younger people greater than virtually every other determination made at their school.

Cindy: We have been speaking loads about blocking access to information, blocking web sites and things like that but I feel that you've seen problems with the devices themselves, haven't you?

Zach: Yeah. More and more Hack Clubbers, the one machine they've entry to both in meetings or at home is a college issued Chromebook. And one of the options on school issued Chromebooks is to disable proper clicking and clicking inspect factor. And also you can't discover ways to program websites with out being able to do that. And this is such a real drawback that we've had to build our own debugger to help with that.

Danny: Just to be clear right here, once you say right click on, that is the thing where you may have the second mouse button and then people all the time stumble on this by accident and marvel what the heck have I finished? Because you click and then there's a bit of menu. It's for coders or for somebody who desires to kind of go a bit deeper or in fact save a picture. It is the sort of metaphor for, okay, let's go a bit bit deeper into what we're looking at right here. And that doesn't... children cannot do this on these lockdown computers?

Zach: Yeah. It's a machine safety setting. You possibly can flip off inspecting ingredient, which implies that young folks in Hack Club conferences who don't have a faculty issued computer can view the source code of any webpage that they go to. And if you do not have the resources at dwelling to have one and also you solely the college issued laptop, you simply cannot.

Danny: All people within the early net realized how to build the remainder of the early internet by view source. There was a bit of pull down menu.

Cindy: Completely.

Danny: And when you noticed an online page that you appreciated, you may have a look at the original HTML and then minimize and paste it and mess around with it. And you are saying that youngsters just have to take what they've given now?

Zach: You just right click and it isn't an option.

Danny: Holy cow.

Cindy: And it is a setting. Chromebooks do not come like this necessarily however they provide the administrators the power to lock children out of this data. It is simply, it's hard to think about the thinking that leads you to resolve that we'll deny kids information at school.

Danny: And simply me and Zach and Cindy and now are vibrating in the studio. You cannot really see this. One of the issues so upsetting about that is that the atmosphere, the mouse, the windowing surroundings that you're utilizing was particularly constructed to be an educational environment that you possibly can discover and learn. It's an absolute perversion

of the very fundamental way this stuff had been developed and intended to use. It is like when you gave somebody a painting set however no paints.

Cindy: The fairness issues here are simply super. As a result of we all know that one of the great things is that we're now giving children devices that they'll use to assist themselves learn. But if they're locked down devices and that's the wealthy children have one other machine that they will use but the poor kids end up with only a lockdown gadget, a poor system for poor folks really it seems like.

Zach: Whenever you look at the advertising for a few of these faculty filter corporations, the advertising is like, we prevent scholar suicide. And it's, we stop faculty shootings. What a wierd connection to draw. After which the issues they do to be in a position to draw that connection is just not solely do they filter what web sites you're in a position to go to but they actually scan every single email you send from your faculty account, each single IM that you send out of your school account, they scan the belongings you do on websites. For this one district that we're in, in Georgia, once you go to a web site that's blocked, not only does it say, "This website's blocked, you are not allowed to come here," nevertheless it truly says that there's a security situation with your laptop and that the best way repair it's to obtain this intermediate SSL certificate, install it in your computer, set as a trusted source and what which means is it permits the college to man within the center your entire encrypted visitors.

Danny: Right. That is like your undermining the security of that computer. And I think this is absolutely essential to emphasize. One of the issues that we at all times speak about at EFF is you cannot do censorship with out surveillance. You might have to have the ability to see what people are looking at to block it. And what which means for these type of techniques is, as you say, just to be clear, what that person is being asked to obtain there is the grasp key to all of their communications on that computer, from their monetary particulars to everything.

Cindy: Yes. And it is a problem that predates COVID but it surely actually acquired supercharged throughout COVID, this idea that constant surveillance is what you must tolerate if you're a scholar. And that is dangerous first as a result of that's dangerous for teenagers however it's also dangerous as a result of we're making a generation of children who think that being watched on a regular basis is okay. This is a fundamental human right. It is central to human dignity. And one of many issues that we have discovered is you cannot deny kids utterly human dignity after which anticipate them to suddenly at age 18, have the ability to train their full rights in a way that may work. It would not work that method.

Danny: "How to repair the Internet" is supported by The Alfred P. Sloan Foundation's Program in Public Understanding of Science. Enriching people's lives via a keener appreciation of our increasingly technological world and portraying the advanced humanity of scientists, engineers, and mathematicians.

How do the youngsters themselves really feel about this? What do you get from them?

Zach: Well, there's two issues I'd love to contact on there. I feel an idea that I might love for us all to begin talking about is this idea of digital civic obligation. And I believe it's the identical thing the place you not solely receive being a consumer however you give too. You make your personal websites, you modify the web, you modify know-how. You're not just a shopper, you're a creator too.

When it comes to what Hack Clubbers really feel about faculty surveillance. Hack Clubbers feel like they stay in an Orwellian surveillance state since you spend your time on networks that are surveilled, where for those who try to poke prod, unhealthy things could happen. And I think definitely Hack Clubbers feel like they cannot interact with their college on points like these as a result of I feel numerous college administrators aren't technical enough to grasp what's happening. In the event you flag the fallacious factor, you possibly can very easily end up dealing with disciplinary motion or one thing like that. I had this happen when I used to be a teenager, I put in a VPN on my laptop computer, what I brought to my college, I used to be the one particular person at my faculty that I knew on a laptop computer and I used to be pulled aside by the vice principal because they were like, "Why are you hacking our faculty?"

Danny: And I believe it undermines belief. To begin with, you set the stakes. That the administration is sort of claiming, "We don't really trust you so we're going to place this software program." But then when kids who are curious and interested in this look into it, they notice that they're additionally being lied to.

Zach: And I think it actually undermines these values that we talk so much about, like curiosity, like tinkering, like making an attempt things out, figuring out who you wish to be by way of making an attempt to make things. When there is a consequence to these actions, which is the case when you have your web activity filtered after which routinely reported in some cases, it implies that all of the sudden trying to study there might be a consequence for those who Google the incorrect thing. And I believe that in a spot the place we care loads about independence and the place we care so much about helping individuals turn out to be their own individual agents of change, I think that our digital environments that we create for younger individuals inside of schools, I feel form of does the alternative. It tells you, "No, you are a consumer, keep watching Netflix, don't mess with your computer."

Cindy: I feel this really hearkens again to the start of the Electronic Frontier Basis, where we had law enforcement coming in and doing raids on a number of kids who have been poking around on the early internet, attempting to figure out how issues work. This is basically one of the founding stories of EFF. And the flip facet of it is a few of those self same children or children who had been buddies with them, by the name of maybe Wozniak or other things, they went on to develop among the instruments and the issues that we love essentially the most. We're not simply doing something unfair to those children, we may be short circuiting the next generation of people who are going to bring us a greater world.

Cindy: Let's talk about some of Hack Membership's successes. And by the best way, I just want to offer you additional love for reclaiming the time period hack for doing one thing good.

This is being a hacker, again, I am an old school web individual, being a hacker was being somebody who dug in deeply, tried to determine issues out. And it may need been not the prettiest thing however really made issues work. And I feel that one way or the other we've lost that sense of the word and it's grow to be synonymous with evil. And so I really recognize you reclaiming it and lifting it up however that is just my little soapbox moment. But let's hear some success stories. What's Hack Membership doing for teenagers? What are you seeing?

Zach: Oh, it's unbelievable. I don't know. There is a Hack Clubbers who wrote an entire recreation engine in Rust. I used to be speaking with Hack Clubbers who built an entire clone of Minecraft in Rust the place they made the OpenGL calls themselves. However the thing that I believe is absolutely important about Hack Membership for people who find themselves in it past just the coding and beyond the socialization is I believe that for Hack Clubbers, coding isn't just a strategy to make video games or make a private website or I don't know, get a job sooner or later. It is a form of self expression. It is that is a spot the place I might be myself, where I can get what's in my head out on paper. It is a factor that provides you energy and an agency as a young person that you do not actually discover at school and don't really find in different actions or round your life. And it's a place where it would not really matter the place you are from or what you appear like or who your dad and mom are, how much money you make. It is that is a spot the place folks will treat you want an actual individual with actual respect. And I do know for me, when I used to be a young person, I used to be actually desperate for that.

Danny: As you talked about this, I was thinking concerning the early days of the web and the web. And that i all of the sudden thought to myself, it's not simply Hack Membership, it's not simply these places where youngsters collect, I think an enormous chunk of the constructive sides of the web have been constructed by kids or constructed by teenagers. I think of Aaron Swartz, who very close to EFF. Me and Cindy knew him effectively.

Zach: Wow. He is a private hero of mine

Danny: Right. And once we first met Aaron, he was hacking on the fundamental code that was constructing the internet with Tim Berners-Lee at, I feel he must have been 14. Heaps of individuals start out at that age. And the opposite thing is and I believe this goes to the heart of what we attempt to speak about on this present is you're modeling the positive future of the internet. And it's driven by individuals wanting to build that, wanting to build that for themselves. Do the children you speak to, do they think about this more widely?

Zach: I feel coding is the glue. It is the thing that brings everyone collectively however the magic is in all the why questions. Because Hack Membership's a space where folks ask questions like, who am I? Who do I want to be? What is this world I dwell in? What is my relationship with it? And I feel that we have this concept of hacker friends the place if I feel if Hack Membership does one factor, we want to attempt to help younger people find different hacker pals as a result of when you could have someone else such as you, that shares your

curiosity at a really deep degree, it signifies that if you explore these questions, you'll be able to go a lot deeper and you're feeling heard in a approach that you just might not if you do not have associates which can be as into a few of these items as you.

Cindy: Hack Club's not the just one. There are programs like this all around the world which might be really specifically aimed toward reaching communities who basically weren't the main target of form of the primary generation of hacker youngsters. If you'd discuss that too, I'd love it.

Zach: For me growing up and I feel that is built into Hack Club's DNA, I definitely felt like a baby of the world or a baby of the web because the individuals I used to be having so many of those formative conversations with online have been from all around the world from all backgrounds. And I believe that that's simply so extremely important.

One of my favourite things about Hack Club is since we don't this design a playbook that then everyone runs, each Hack Membership at every faculty is completely different. And as a result, while you go to a Hack Club in Kerala India, it's dramatically different than a Hack Club in America. It is totally different. It makes extra sense for local context.

And as a result, whenever you stroll into a few of these clubs from world wide, the native leaders have actually asked, "What makes the most sense for me? What makes essentially the most sense for different people like me?" And I think that, particularly in areas where individuals really feel marginalized or they do not see a home for themselves or they haven't got function models in the identical manner that some more conventional folks might need, my hope is that with Hack Club, that they will construct the house that they've always been searching for. And I believe that the web permits younger individuals to try this in a approach that simply wasn't possible earlier than.

Danny: This is such a cliché, but this is definitely the following technology. That is the longer term. Do you've gotten any predictions about the way forward for the internet? What are the issues that they are building that are missing in the existing system?

Zach: We face some of the biggest challenges over the following 50 years that humanity's ever needed to reckon with. And I think that we want a generation of younger people who not only have real arduous expertise, they will truly do one thing from a builder perspective round these big challenges but they even have the appropriate mindset and community to assume just a little bit differently.

The mindset is that if there's an issue, what does it take to repair it? It is very actionable rather than really feel, we're born with issues and we must deal with these issues. There's nothing that we are able to do about it. It is a really empowered mindset.

They sort of see know-how not as an end in itself but as a software for every single factor needed to construct amazing communities in this new world that we reside in.

Cindy: Such a great imaginative and prescient. Let's jump to that future. What does it appear to be if we get this proper? If we unleash all of the Hack Clubbers and the other children who are using know-how and envisioning applied sciences to construct a greater world than the one we've now. Take us to that world. What does it appear to be?

Zach: I do not know if this is too massive of an idea however I want to stay in a world the place there is a hacker president. However in more concrete terms, I need all the progressive, exciting stuff to be open source because it implies that all of a sudden the individuals who can engage with it, is not everyone who can afford to purchase a license to their company however it's each single person that has technical data in the whole world and web entry. I want to reside in a world where the constraints of location, of locale are smaller than ever before.

Cindy: And what I really love about this vision is that it actually is about a movement. I believe one of many issues that distresses me in regards to the tales popping out of the early internet is they all seem to 1 guy who did one factor. And truthfully, they're virtually all guys and guys of a sure color. And I feel that this manner of storytelling, I'm undecided it was truly all that true for those of us who lived by it but what I hear you is basically, actually doubling down on this idea that it takes a motion, that individuals move collectively and that this sort of single person narrative is not actually the narrative of good change and that you're working to attempt to build communities and networks in order that we get previous that.

Zach: And I think that one thing that really helps with that is the open supply movement and the open source group because it signifies that if you are coding on real projects, the connection between you and the particular person that wrote that line of code is closer than ever. And you see, wow, tasks like Ruby on Rails, they weren't built by one individual. They had been built by 2,000 folks. And you see that comparable things with large projects, like Firefox, huge projects like Rust, these are things that take tribes.

Cindy: Yeah. And let's simply double down, we received to get those obstacles out of the way in which. Kids need to be able to entry all the information. They need to be able to right click on on their Chromebooks and think about source and all of these items. And the position of that, which sounds like humorous little geeky things, it is central to how we get from here to there.

Danny: Properly, thank you a lot, Zach. I look ahead to not solely seeing what you need to give you in the future but seeing the following 20 years of what these children produce.

Zach: Thanks a lot for having me here. It's such an honor to be ready to hitch you in this dialog. It is such an honor for Hack Clubbers to have their story and their struggles be a part of the dialog and for the work you're doing. Thank you, thanks, thank you, thanks, thanks.

Cindy: It goes both ways, Zach. You might be raising the next era of EFF members, probably EFF staffers and perhaps congressional and administrative staffers who have this in their

bones. And that is the world. Just understanding how technology works isn't enough. And I feel that's really clear from what you're doing is you're constructing networks and you are constructing ethical and responsible frameworks for the way do you be somebody who understands about tech however is utilizing it for good?

Cindy: Zach, thank you so much. This has been so fun speaking to you and so inspiring. I agree, we began off and we were speaking about the issues that you're having and they're tremendously essential. And of course that's the place EFF's rubber meets the street is attempting to get these obstacles out of the way in which. However we ended in such a happy place when it comes to this future. So thanks.

Cindy: I so respect listening to about optimistic, young people finding, using and building the tools to make things better and the position that the internet is enjoying in each helping them connect, and serving to them really build this right into a motion that is going to construct the tools which are going to make a greater internet in the future.

Danny: So much of this talk of the surveillance and the censorship of kids is wrapped this idea of holding them safe. After which Zach who's caught within the center. He goes to the websites of these makers of filter expertise where they're actually claiming to be preventing college shootings and but we all want kids to be protected but I do question whether or not this is de facto security when Zack talks to the precise Hack Clubbers and they are saying that they really feel like they're in an Orwellian surveillance state, that's not safety.

Cindy: No, no. And I believe college directors, it is simply clear that they're outgunned here and we want to really support them in recognizing what youngsters actually need to develop. I additionally really appreciated him talking about coding as a type of self expression. Obviously that's near and expensive to my heart as EFF began with the concept code is speech but also that this self expression isn't simply in a constitutional sense. It is about a spot where I can be myself, where I can actually be the real me and all of that coming out of the concept persons are studying the best way to code, this as a technique of self expression it's simply heartening.

Danny: You train children how to specific themselves, whether or not it is code and talking up after which they get to be a part of that debate. And I feel they're an vital part of that debate.

Cindy: One of the things that I really liked about the best way Zach talked concerning the neighborhood he is constructing is it's being built by teenagers for teenagers, maybe for the rest of us too. However recognizing that this neighborhood needs to be designing the technologies and growing the technologies that this neighborhood wants. That where it must be centered. It reminds me of the dialog we had with Matt Mitchell, where he talked about communities needing to construct the tools that they need, whether they're in, the place he was in Harlem or in a rural space or someplace world wide. This community empowerment works not only in geography but also within the distinction between being a child and being an grownup.

Cindy: Nicely, due to our visitor, Zach Latta, for sharing his optimism and the work that he's doing. If you would like to start out a Hack Club or donate to assist help them, they are at [hackclub.com](http://hackclub.com). There are similar organizations all throughout the nation and all the world over. But supporting this work, I think is tremendously essential to construct a future web that we all want to live in.

Danny: Thanks once more, for becoming a member of us. When you have any feedback on this episode, do electronic mail us at [podcast@eff.org](mailto:podcast@eff.org). We read every electronic mail and we learn from your entire feedback. If you happen to do like what you hear, follow us on your favourite podcast participant. We've got heaps extra episodes in store this season. Nat Keefe and Reed Mathis at Beat Mower made the music for this podcast with additional music and sounds used underneath the creative commons license from CCMixer. You'll find the credit for every of the musicians and hyperlinks to the music in our episode notes. How to fix the Internet is supported by the Alfred P. Sloan Foundation's program in the general public understanding of science and technology. I'm Danny O'Brien.

Music for the way to repair the Web was created for us by Reed Mathis and Nat Keefe of BeatMower. This podcast is licensed Artistic Commons Attribution 4.0 International, and consists of music licensed Inventive Commons Attribution 3.Zero Unported by their creators. You could find their names and links to their music in our episode notes, or on our web site at [eff.org/podcast](http://eff.org/podcast). I'm Danny O'Brien.