

[Code Breakers - Episode 3](#)

Laura Medalia: To me one of the big challenges of being a good software engineer is writing code that is future proof that people can understand in the future, that's reusable but also kind of taking that balance of the current business needs and pushing products out there. I've always been working at companies that are product focused and moving product fast. So that's like a kind of balance that I am always aware of and it constantly takes work. (:28)

Jillian Troftgruben: I am still getting very much use to the fact that what you do in school is not like industry standard code to get something working. So that has definitely been a challenge. (:36)

Laura Medalia: Totally.

Jillian Troftgruben: So what is one piece of advice you would give specifically women entering the field? (:41)

Laura Medalia: I think you should believe in yourself. Find a good mentor and a role model but I mean you can do it, and this industry is made for you and your voice matters. I really believe in diversity in tech, I think that we have to get diverse voices in there to make sure that we are solving the right problems and that we are solving it with really well rounded perspective. So your voice matters, you belong here, and believe in yourself. (1:06)

Jillian Troftgruben: Yeah, no I completely agree. I definitely went through that and I feel like a lot of other women do too where they just don't believe in themselves and having it be completely male dominated they don't trust what they can do and it's hard.

Laura Medalia: I mean I am excited to see how wearable tech and IOT, how takes off. Sometimes I imagine you can click a button and it will pop up a screen and you'll be able to interact this way. I am excited to see how all of that evolves and AI. One of the things I really get excited by is just how technology can help us understand ourselves better. So for mental health to just a well rounded understanding of how our bodies act and the different inputs that just make us who we are is something that I am excited to see how technology can solve or understand. (1:54)

Jillian Troftgruben: I just recently had a speaker who said that it's interesting how the industry is changing because it used to be that the traders made the trades and technology people made the platforms, but now she's like who is actually doing the trading? Is it the person who created the application that is doing the trading or is it the person who is utilizing the application to make the trade? I was like that is so true. Everyone is starting to get into software engineering, having to work with computers everyday. So I think it's going to be interesting to see what jobs there are in the future as like machine learning is kind of taking over a lot of positions and AI. There is

so much information that it's going to be cool to see what they do with it. So I don't know what it's going to be but I think it's going to be completely different. (2:38)