



1
00:00:15,330 --> 00:00:19,830

My name is Azlin Biaggi, and my title is a research electronics engineer.

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00:00:19,830 --> 00:00:27,849

While I'm involved in designing chemical sensors which are used basically platforms

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00:00:27,849 --> 00:00:37,960

that we use to detect gases and they're used for hydrogen and gas leak detections,

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00:00:37,960 --> 00:00:41,170

in for example: engines, fire detection, and things like that.

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00:00:41,170 --> 00:00:45,570

Their future use is to be used in the breath analyzers.

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00:00:45,570 --> 00:00:52,750

Um, the reason for this is that if we can detect low levels, as in parts per billion,

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00:00:52,750 --> 00:00:57,890

we can use it as an asthma prevention technique.

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00:00:57,890 --> 00:01:03,470

I was born and raised in San Juan, Puerto Rico, and my Ph.D. degree was obtained at

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00:01:03,470 --> 00:01:05,700

the University of Puerto Rico.

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00:01:05,700 --> 00:01:08,720

It was in Chemical Physics.

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00:01:08,720 --> 00:01:13,250

Chemistry was because my high school teacher-chemistry

teacher.

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00:01:13,250 --> 00:01:20,610

She was a very inspiring teacher, and she was the reason I did my bachelor's in Chemistry.

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00:01:20,610 --> 00:01:22,900

Physics was more when I was in college.

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00:01:22,900 --> 00:01:27,640

I took the Physics-general physics-course and actually liked it.

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00:01:27,640 --> 00:01:33,540

Uh, not many people like it, but I was one of the few that actually enjoyed it.

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00:01:33,540 --> 00:01:37,450

To me, education is one of the most important things.

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00:01:37,450 --> 00:01:44,350

Right now you need an education now only in science but in any type of area to make educated

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00:01:44,350 --> 00:01:49,780

decisions in your life, and that's one of the reasons I do outreach educational activities-to

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00:01:49,780 --> 00:01:54,270

motivate students to go into college and have a better way of life.

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00:01:54,270 --> 00:02:00,830

If I had an opportunity to tell students to come to work at NASA, my first thing would

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00:02:00,830 --> 00:02:07,200

be do internships not only-NASA not only offers college internships.

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00:02:07,200 --> 00:02:13,131

It offers high school, summer internships,
and you can experience what it's like to

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00:02:13,131 --> 00:02:14,530

work at NASA.