

Wilson Talent Center Virtual Visit – Cybersecurity & Digital Forensics

[Mark Dodak] My name is Mark Dodecane. Welcome to Cybersecurity classroom. We are a two year program for juniors and seniors in the first year program. We do all kinds of cyber security stuff such as defense and offense and packet tracer building computers. We do do a little programming but mainly our focus is cyber security, so there's a lot of different things that we cover in the first year program. But if you decide to you can come back in the second year program. And you would be most mostly focusing on networking, so the networking part is making computers talk to each other. We're securing networks; we do a lot with routers and switches. We learn how the router works, we learn how a switch works, and we learn how computers communicate with each other. Although most of our kids are very interested or have some kind of technology or interested background in computers, you don't have to really know anything when you come into our program. Yet when they leave, they've been working with a computer for a whole year. We start from ground up, they build a computer from scratch, learn all the parts of the computer from the inside and out. When we start our day out, we come in and we go right into a Cisco Academy. Those for Cisco classes are cyber Security Essentials, IT Essentials, Internet of Things and we do Linux and we work through that each day with lab. We'll do a lot of notetaking, which prepares you for college. We do hands-on experiments and then after break, we usually take a break and then we come back and we'll do test out. A test out is a online Academy where you do virtual labs. Throughout the year you can actually get for certifications and then at the end of the year if you want to take, we have several opportunities you can take a CompTIA A plus certification which is a foundation certification through the CompTIA organization and the second year classroom. They'll come back for year two and they'll work on their CompTIA Net Plus certification and then we have a general foundational certification. That all students have the opportunity to take. It's called IT fundamentals, and that's a certification never expires. So we had students last year put that on their wall and they'll have it on there for a lifetime. Those certifications will allow you to get into college. You will be well prepared for any Community College or University and we have a lot of students that go on maybe Davenport University, Ferris, Central Michigan, Michigan State, and so we put a lot of kids on the college track in cybersecurity. Now, cybersecurity is a new field and growing field, so there's a lot of jobs. Seth, as being a first year student will show you around the classroom and he'll give you a little tour of each of the different areas in our classroom. [Seth Singletary] Hi, I'm Seth Singletary. I am a junior at Okemos High School and my first year here at Wilson, so this is the help desk we would have somebody sitting up here helping people out and taking in PC's to work on and stuff. We've got our toolkit and building station where we take apart PCs, work on them, get them all built together. And this is our basic toolkit, its got pretty much every size screwdriver you'll need. This is the computer room. These are our router and switch and this is where we learn how to build PC's. These are all PC's that we've taken apart and built multiple times. The student stations two monitors for each one. And they're also hooked up to a little Raspberry pie for us to do extra projects, and that's the Raspberry Pi output up there for Mr. Dodak's Raspberry Pi. This is a PC we couldn't figure out why it wasn't working yesterday. Turns out it was missing graphics card, two bad sticks of RAM, but now it's working. I fixed it. And then right behind you as our NAS server, which we're trying to currently get it set up so the kids can take home a hard drive from it. And connect to the server from home. So this is the

second year classroom. So I ended up choosing this program because I've always wanted to work with technology and I was starting to learn about servers and cyber security and I figured, hey, this is a nice program to get into, and since then I've started studying for multiple exams on my own outside of school that I wouldn't have started without this program. So we look forward to seeing you. Come say hi!

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