



The Internet of Things and Cybersecurity

Name three things you have learned about “the **Internet of Things**” (IoT):

1.

2.

3.

What devices do you own or are familiar with that you think are considered part of the Internet of Things ?	
How are your devices vulnerable to cyber threats?	
How do you protect your devices?	
Why do you think cybersecurity is important?	

Career Pathways

Using the website <https://www.cyberseek.org/pathway.html>, answer the following questions for each position in your paths.

Entry-level position

Job Title:

Average Salary:

Education Needed:

of job openings:

Top Skills Required:

Entry-level position

Job Title:

Average Salary:

Education Needed:

of job openings:

Top Skills Required:

Mid-level position

Job Title:

Average Salary:

Education Needed:

of job openings:

Top Skills Required:

Mid-level position

Job Title:

Average Salary:

Education Needed:

of job openings:

Top Skills Required:

Advanced-level position

Job Title:

Average Salary:

Education Needed:

of job openings:

Top Skills Required:

Advanced-level position

Job Title:

Average Salary:

Education Needed:

of job openings:

Top Skills Required:

Take a Stand: Cybersecurity Careers

Read each statement below about cybersecurity careers and then indicate on the continuum how important the statement is to you by putting a dot on the line at that spot.

For example, if you LOVE being detail oriented, you would put a dot close to the Very Important end of the line. Think of it as a 0-100 space where you can fill in all of the quantities in between.

SELF

1. I am comfortable working with computers.

*A job in **cybersecurity** mostly takes place using a computer.*

Strongly disagree

Strongly agree

2. I am comfortable with coding, networking, and learning about technology architecture.

*Some jobs in **cybersecurity** require you to learn **coding**, networking, and/or learning about technology architecture.*

Strongly disagree

Strongly agree

3. I can work well both alone and with a group.

*In **cybersecurity**, you'll have to work both individually and with others.*

Strongly disagree

Strongly agree

4. I would be interested in a career I researched today?

*You felt that the **career** you researched is something you enjoy and can see yourself doing in the future.*

Strongly disagree

Strongly agree

SECURITY

5. I like having the ability to work all over the US.

*There is a high demand for **cybersecurity** all over the U.S.*

Strongly disagree

Strongly agree

6. A median pay of around \$100,000 would offer me the lifestyle I want.

*This is the median salary for a job in **cybersecurity**. Depending on your specialty, you can earn more.*

Strongly disagree

Strongly agree

7. I would like to attend at least four years of college after high school.

*It takes at least 4 years to earn a Bachelor's Degree in **cybersecurity**.*

Strongly disagree

Strongly agree

SOCIETY

8. I am interested in working in a variety of communities, such as cities, rural, or even my own house.

*There's demand for **cybersecurity** almost anywhere. Some jobs even allow you to work at home.*

Strongly disagree

Strongly agree

9. I like the idea of a career that helps people.

***Cybersecurity** is a job that protects a person's electronic data from criminal or unauthorized use.*

Strongly disagree

Strongly agree