

Hands-On Lab: Cybersecurity Career Paths

Estimated time needed: 20 minutes

In this lab, you will explore the Cyber Seek website, which contains detailed information about cybersecurity career paths at the various career levels: entry-level, mid-level, and advanced level.

Objectives

After completing this lab, you will be able to:

- Explore the Career Pathway
- View the common pathways, and transitions from entry-level to mid-level and advanced-level careers
- Explore the skills and certifications required for different job titles
- Explore the interactive map for the United States to view the job opportunities in any state (optional)

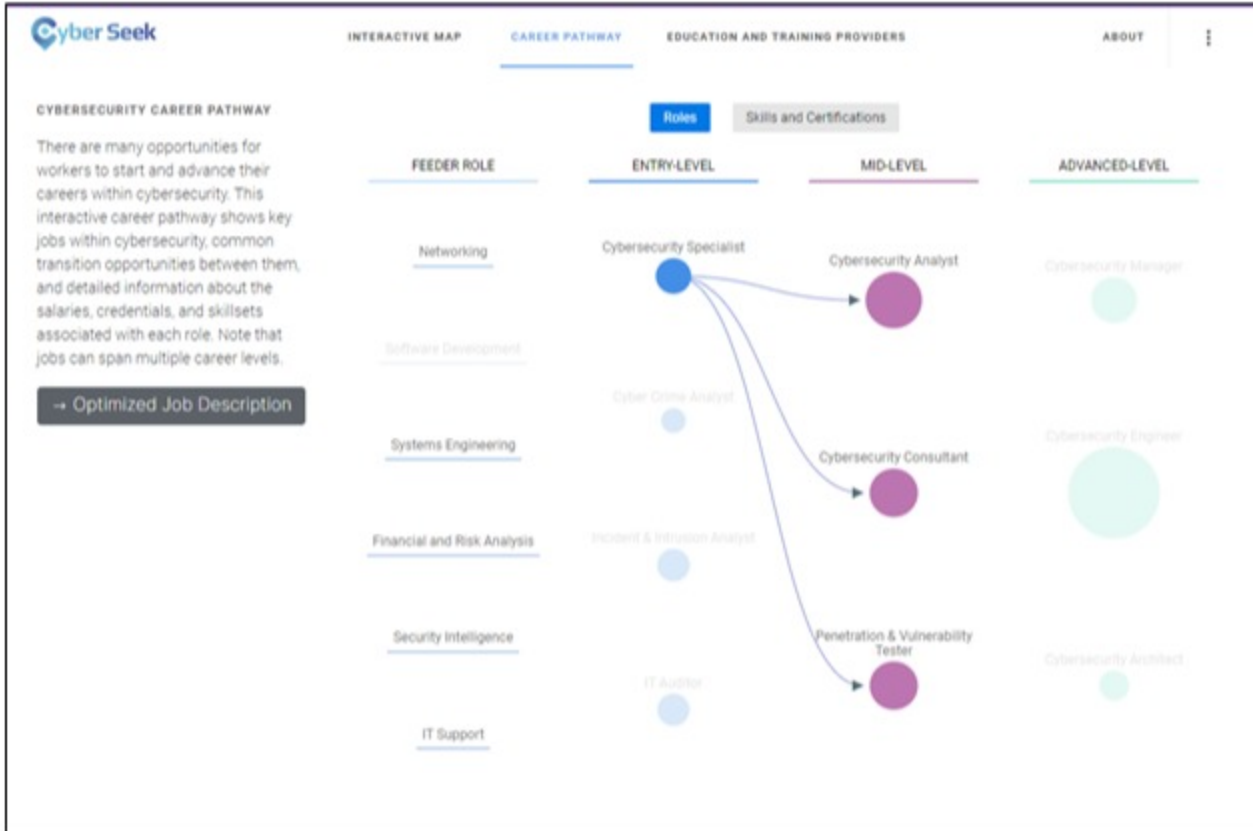
Exercise 1 : Explore Career Pathway

In this exercise, you will explore the different career pathways from entry-level to mid-level and advanced -level.

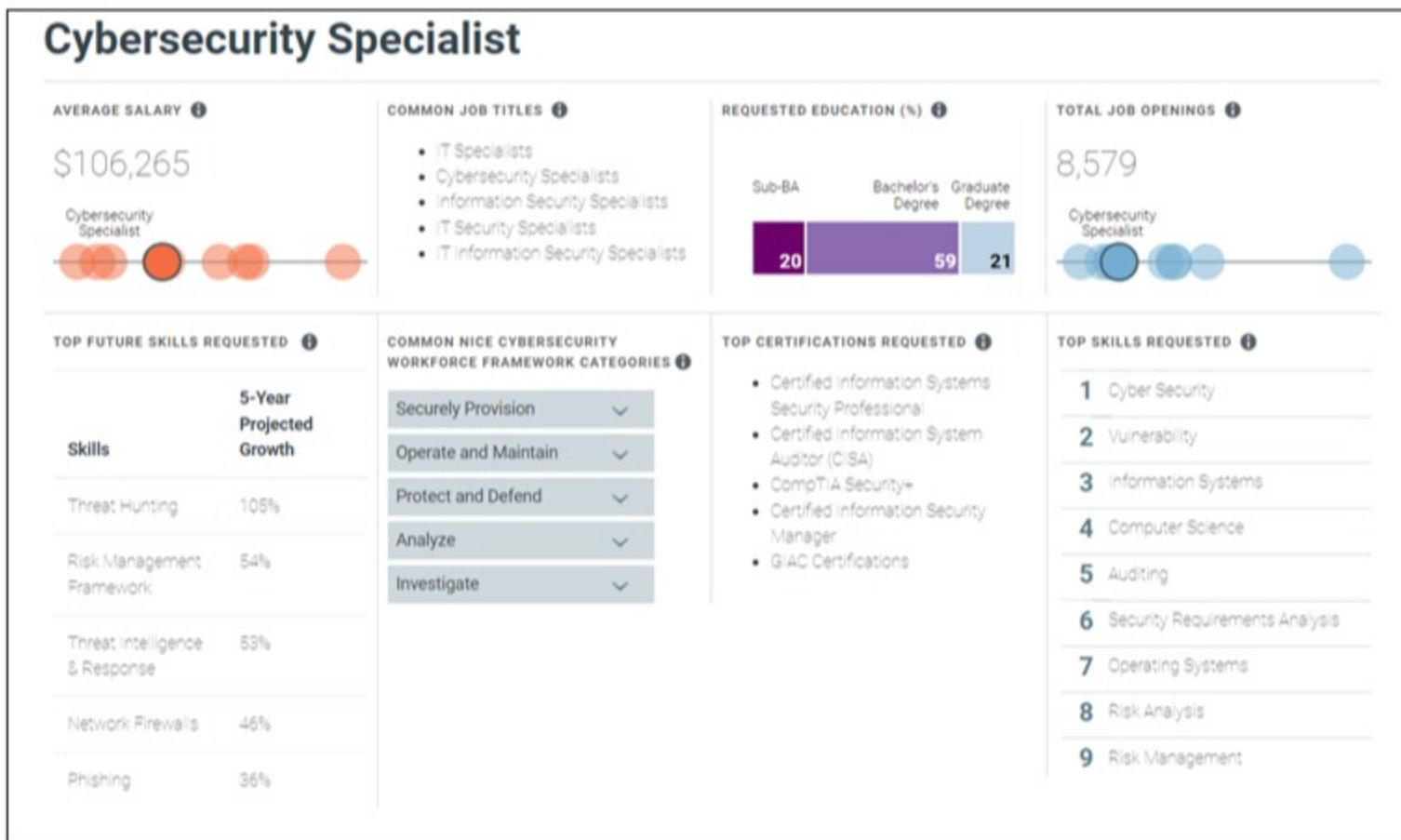
1. Navigate to [Career Pathway](#)
2. This tool provides an interactive representation of cybersecurity jobs and roles, common pathways, and transitions from entry-level to mid-level and advanced-level careers. Click any role, for example, [Cybersecurity Specialist](#).



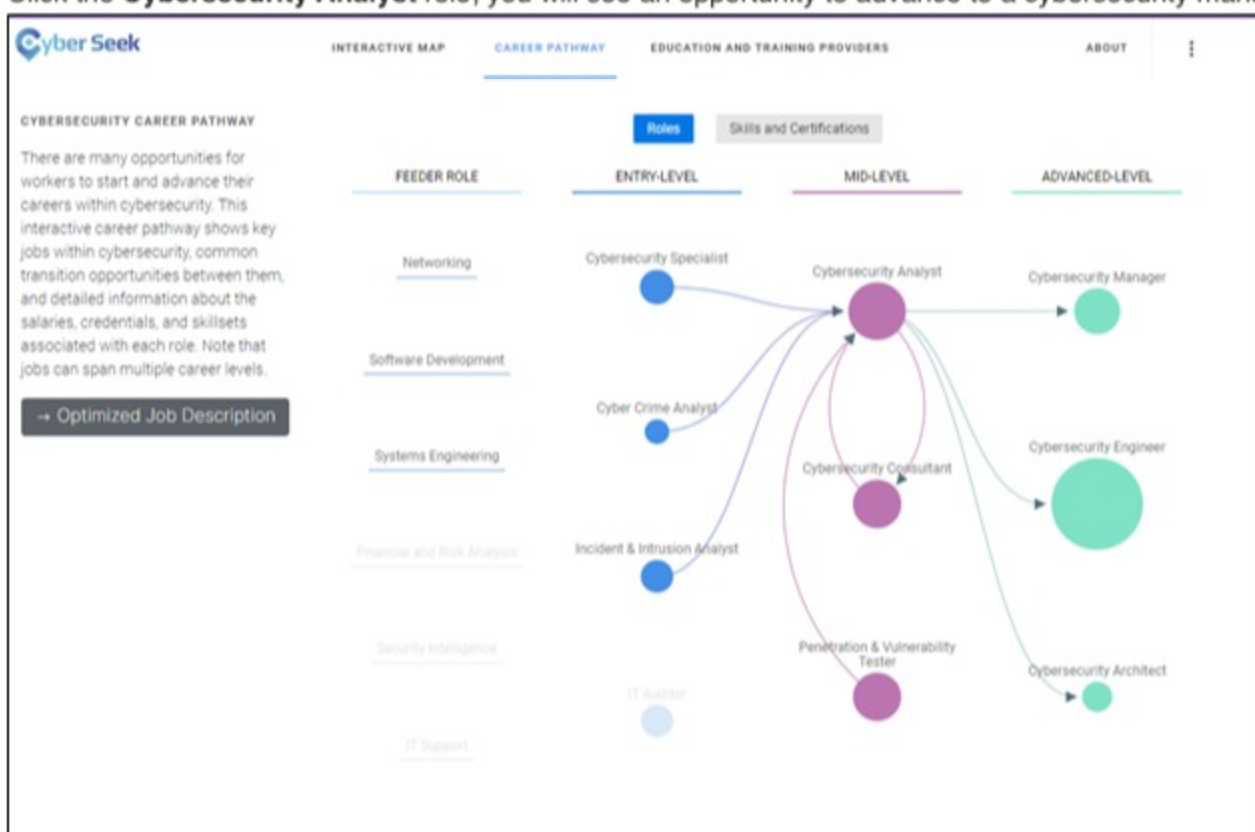
You will see an opportunity to advance to mid-level careers such as a cybersecurity analyst, a cybersecurity consultant, or a penetration and vulnerability tester.



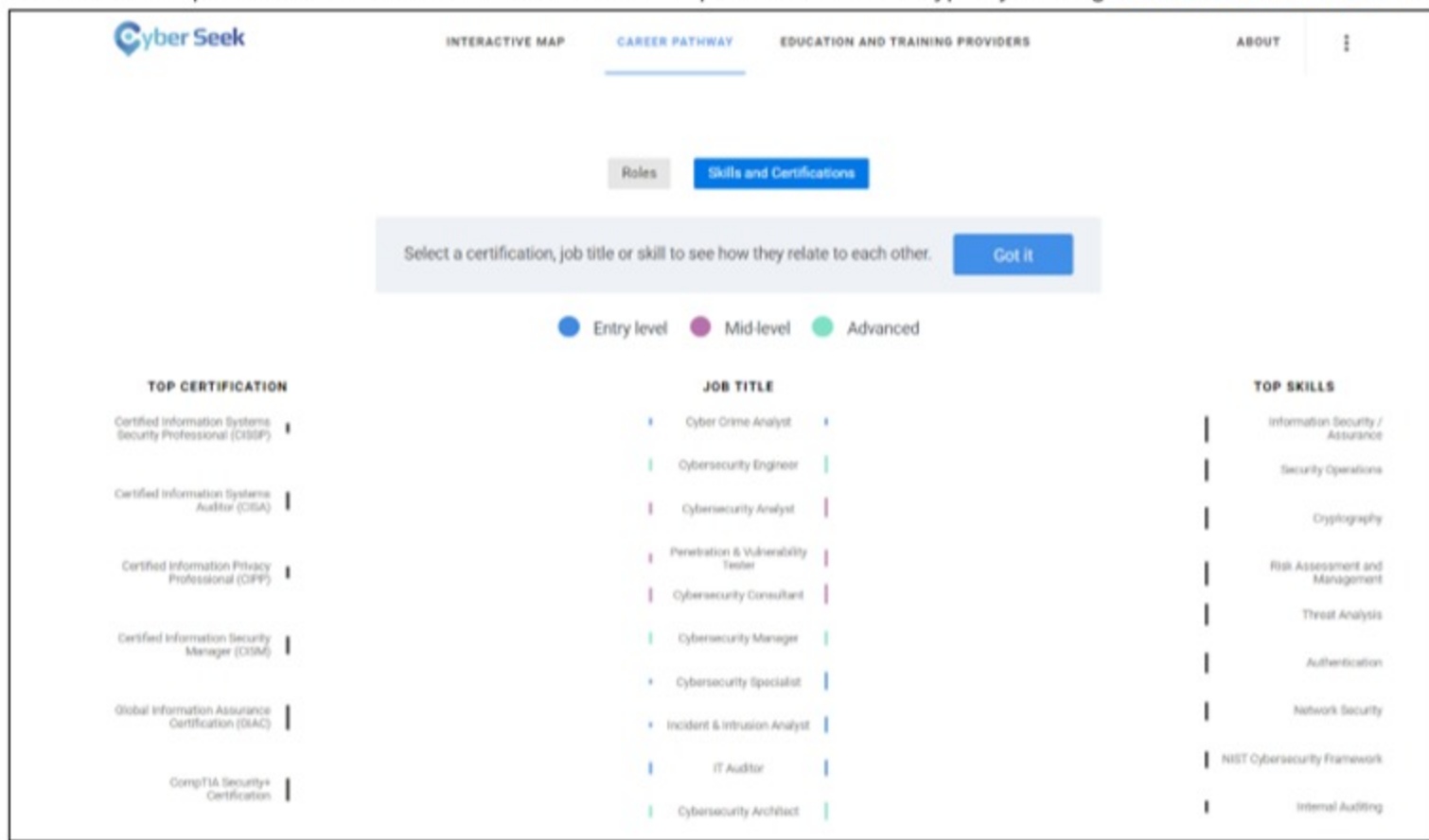
3. Scroll down the page; you will see more information on average salaries, commonly requested certifications, and commonly requested skills.



4. Click the [Cybersecurity Analyst](#) role; you will see an opportunity to advance to a cybersecurity manager, cybersecurity engineer, or cybersecurity architect role.

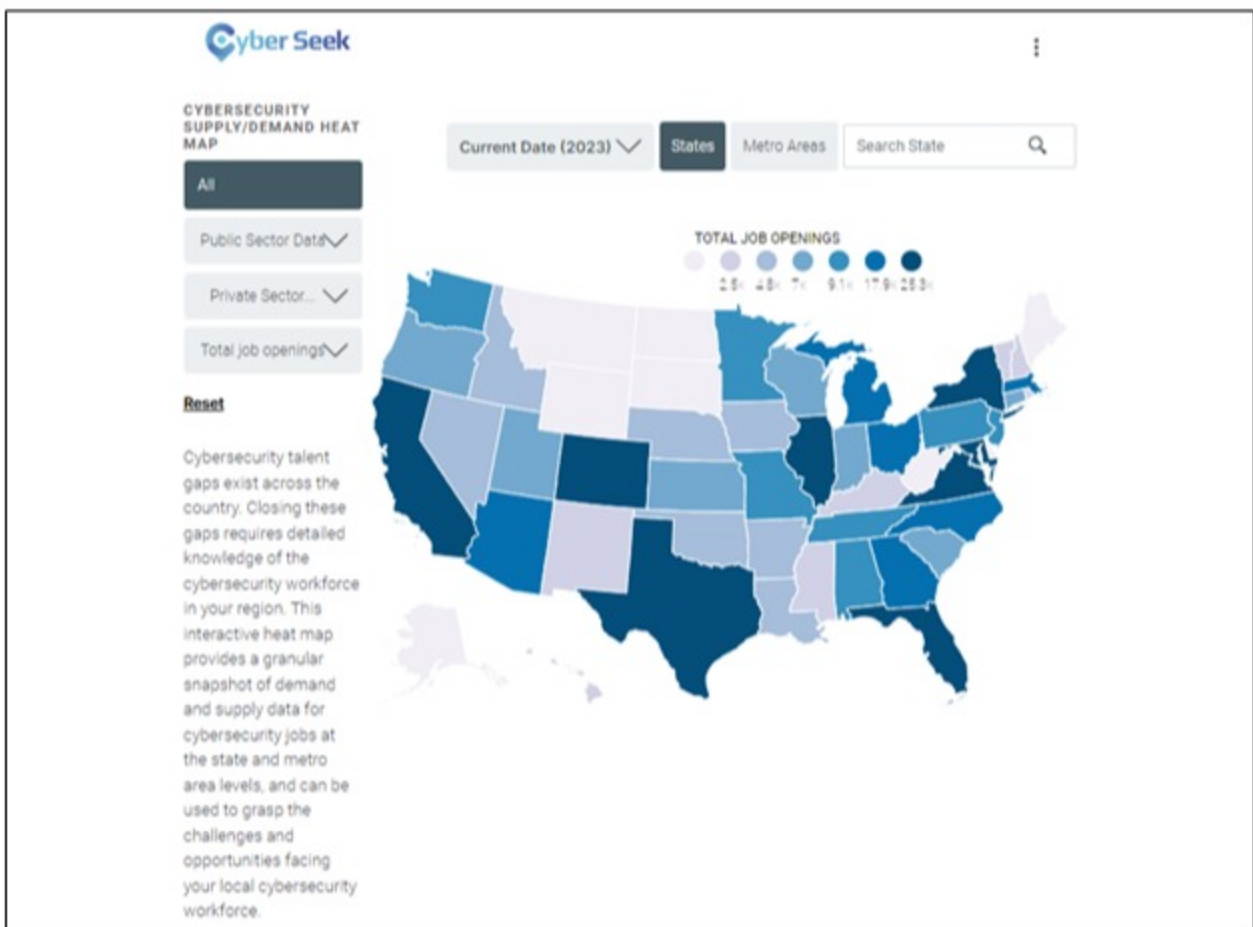


5. Explore this page to learn more about each role type, especially those that interest you the most.
6. You can also explore the various skills and certifications required for each role type by clicking [Skills and Certifications](#) at the top of the page.



[Optional] Exercise 2 : Explore Interactive Map

1. You have the choice to explore the interactive map for the United States. Select [Interactive Map](#) tab at the top of the page.
2. An interactive map will be displayed. When you hover over each state, you will see information on how many existing cybersecurity-related job opportunities are available in that state. Select one of the states to see current details and historical information specific to that state.



Conclusion

In this lab, you have learned the various available career pathways in cybersecurity using the Cyber Seek website.

Author(s)

Dee Dee Collette

Changelog

Date	Version	Changed by	Change Description
2023-10-06	0.1	Anita Narain	Initial version created