

ROBERT KNAPP PRESENTS:

# CYBER INTERNSHIPS

## CYBERSECURITY -TY INTERNSHIPS

In this position, applicants will learn and implement cybersecurity fundamentals and measures in order to protect the "world's energy future"!

## CYSE 300

This "Introduction to Cybersecurity" class is the perfect starting point for this position, as it gives a basic overview of many of the essential cybersecurity concepts for the field and sets up for further study, both through your major and the position.

## CYSE 450

Finally, this class for "Ethical Hacking and Penetration Testing", students will be implementing tools and vulnerability assessments to tests systems of security in order to determine flaws in a given system. As conducting penetration tests is listed in the job description, this could be a crucial class to have background in for the internship.

## CONCLUSION

Through research of the job position and several ODU CYSE courses, the Cybersecurity Internship position for the Idaho National Laboratory is an excellent remote option for ODU students to learn more about cybersecurity, get hands on experience with protecting systems, and to get paid while going to school. Furthermore, there are several great classes on campus with transferable skills that would greatly help in this position and for Cybersecurity majors.

## A BIT ABOUT THE COMPANY

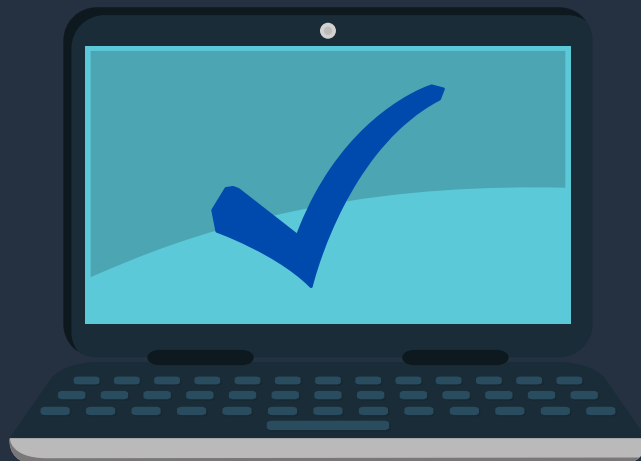
"Since 1949", the Idaho National Laboratory (INL) is a company that focuses primarily on "science-based" topics, such as energy, nuclear, nuclear science, national defense, etc. The INL are looking for bright Cybersecurity specialist majors with a 3.0 GPA average that are interested in working a remote position making 20\$ per hour, doing work such as vulnerability assessments, security analysis, etc.

## CYSE 416/516

In this class for "Cyber Defense Fundamentals". students will learn fundamental concepts for protecting digital systems both through defense and attacking; with the tools and experience from the class, this would provide a good foundation for specialist looking to protect online systems like for this Internship.

## SKILLS

From just these three classes, it's possible that an inspiring Cybersecurity major, having gained fundamental knowledge of Cybersecurity, a background in defense/attacking online security systems, and the ability to effectively Penn test systems, could have enough knowledge to more than justify the INL to hire them for the position.



# REFERENCES

- Idaho National Laboratory - Battelle Energy Alliance, LLC. “Cybersecurity Internships.” Handshake, Idaho National Laboratory - Battelle Energy Alliance, LLC, 3 Oct. 2022, [app.joinhandshake.com/stu/jobs/7066854?ref=preview-header-click&search\\_id=9379b85c-b433-4b82-b275-4760b70f2a88](https://app.joinhandshake.com/stu/jobs/7066854?ref=preview-header-click&search_id=9379b85c-b433-4b82-b275-4760b70f2a88). Accessed 2 Dec. 2022.

