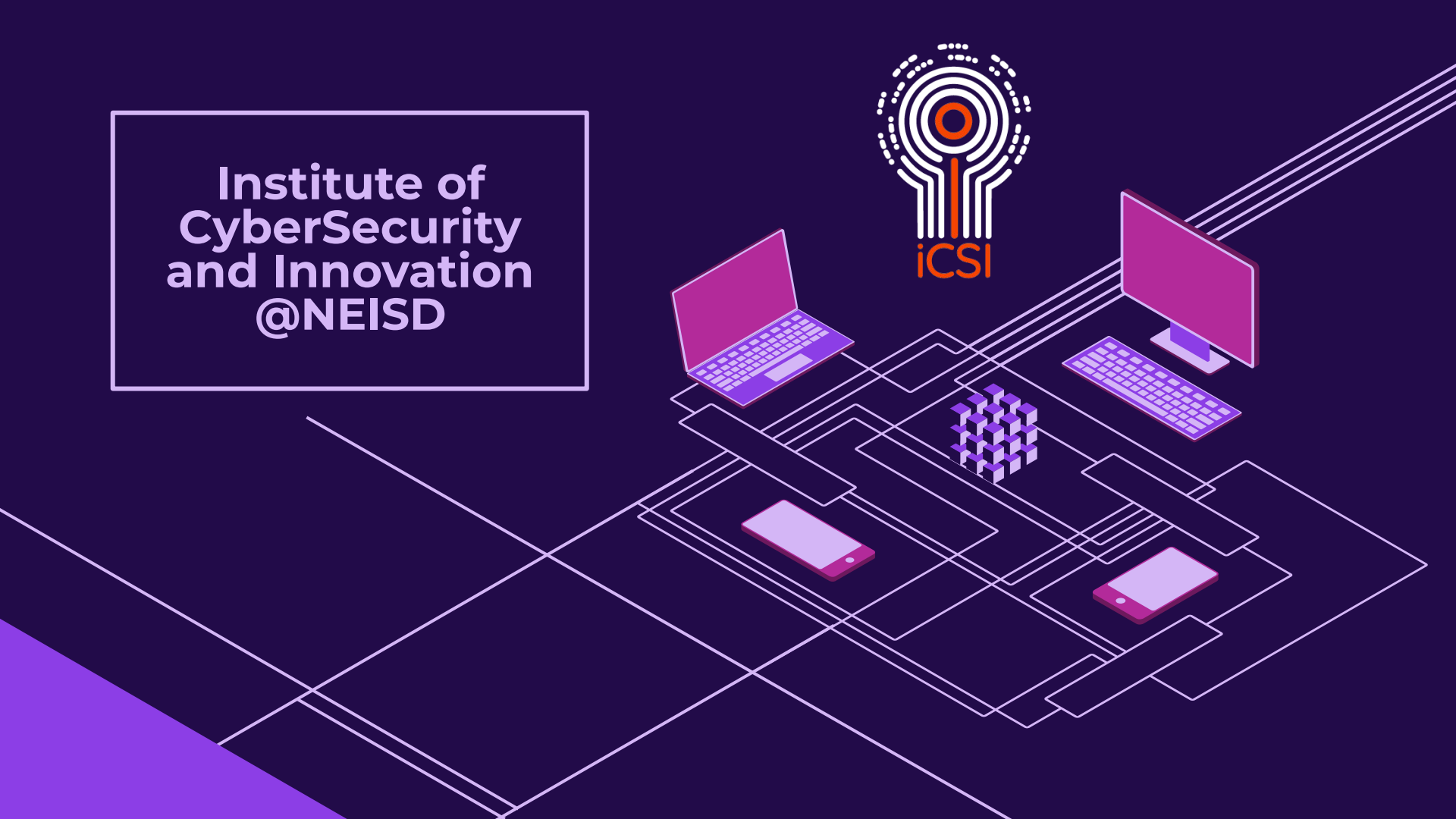
Institute of CyberSecurity and Innovation @NEISD



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iCSI

Real World Challenges

Challenge

Students are given a computer that serves a corporate function. It is infected with a virus!

Examination

Students work in teams to find the compromise

Secure

Students work to secure or patch the affected system

Review

As a class, we'll review the scenario and discuss practical solutions

Where is Cybersecurity Important?

Healthcare	Attacks in the healthcare sector have a human and financial cost. One Breach can cost upwards of 7 million dollars!
Financial	Financial Institutions secure your money!
Retail	A breach in the retail supply chain can expose customer personal and credit card information.
Agriculture	A breach in precision technology and sensitive data here can also cost millions of dollars.

3,500,000

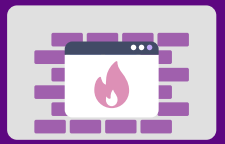
Unfilled Jobs, worldwide, in the Field of Cybersecurity

The Cybersecurity Skills Gap!

"It's a full-on war for cyber talent!"

Employment

Unemployment in the field of cybersecurity is zero percent.



Employment Growth

Available jobs are projected to continue to outpace the supply over the next 5 years.

Overall Market

The market for skills and services is approximately 250 billion dollars and that number is also increasing every year.

Why iCSI?

Students are enrolled at their home campus and take a bus to the institute for 2 periods each day.

Transportation Provided

Students in iCSI will still be able to to participate in other electives at their home campus

Opportunity to participate in other programs

We cooperate with industry professionals to produce content that is always relevant

Industry Involvement

State-of-the-art facility with access to industry standard hardware and software

Hands-On Training

iCSI Facility

We are building state of the art classrooms modeled on what you would find in a corporate security operations center. One career path options for students is the security operations analyst.

What will Students Learn?

Team work

Learn to work as a team to solve complex problems

Technical Troubleshooting

Develop a strong technical skill set with computer operating systems

Network Engineering

Learn how data moves from point A to point B over the internet

Cybersecurity

Learn to secure and defend networks and computer systems

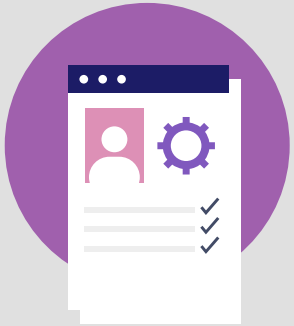
Cloud Technologies

Learn to work with platforms like Amazon Web Services and Microsoft Azure

College and Career Options

College Readiness

The professional certifications offered through iCSI look great on college applications.



Career Training

The professional certifications offered through iCSI are also the first step to entry level employment

Summer Internships

Summer is the perfect time to leverage your skills.

Full-Year Internships

You can qualify for senior year and college-level work-study.

No Experience Necessary

The only thing you need to be successful at iCSI is an interest in learning more about cybersecurity. With 90 minute classes, your teachers will always be able to help you take the next step and master key skills. We are here to help you succeed!

Thank you!

Questions?