



Research Experience for Undergraduates

In Cybersecurity and Penetration Testing

10 WEEK PROGRAM

Program Runs: June - August, 2022

Application review: Begins April 30, 2022

With funding from the U.S. Department of Defense, the North Dakota State University (NDSU) Institute for Cyber Security Education and Research and Department of Computer Science are pleased to offer a unique Research Experience for Undergraduates (REU) in the area of cybersecurity and penetration testing.

Gain hands on experience in cybersecurity and penetration testing

Selected participants will gain hands-on experience with securing, attacking and developing tools to attack and secure real cyber-physical systems. They will also gain an appreciation of the security and secure development processes through hands-on software development activities and field trips. We plan to conduct a simulated 'red team' exercise and each participant will also work on a long-term security research project as part of a group with key individual outcomes.

Get paid and gain a great item for your resume ...

Participants will receive wages of up to \$6,000, room and board, and funding for travel to and from NDSU (up to \$750).

More details & participation requirements

The summer 2022 REU program will run June - August, 2022. Application review will begin April 30, 2022 and continue until all positions have been filled.

Participating undergraduates must be citizens of the United States, pass appropriate screening and enrolled in an undergraduate degree program. Women and members of traditionally underrepresented groups are particularly encouraged to apply. All participants must be at least 18 years of age at the commencement of participation.

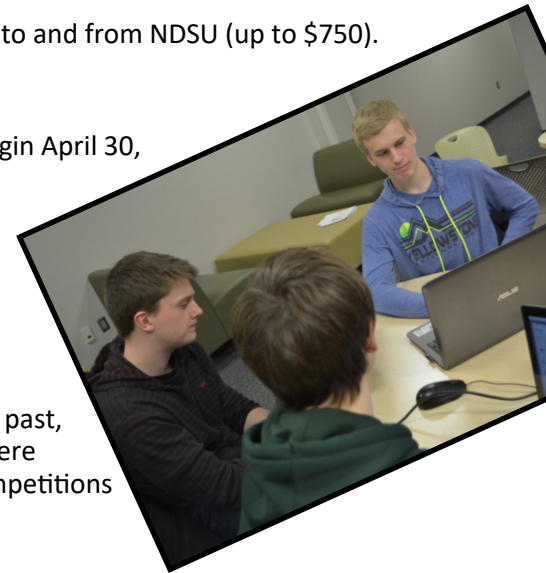
It's more than just doing research ...

As part of the REU, students participate in great activities outside of work hours. In the past, we've taken students to a decommissioned missile silo to learn how nuclear missiles were secured. Students have also attended a national cybersecurity conference, hacking competitions and more. COVID-19 based restrictions may apply.

Be a part of a Department of Defense-funded Research Experience for Undergraduates focused on cybersecurity and penetration testing.

Learn more and apply at:

<https://www.ndsu.edu/cybersecurity/reu>



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SCIENCE

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