Research Experiences for Undergraduates (REU) Site on Deep Learning Driven Cybersecurity Research in a Multidisciplinary Environment

Center for Cybersecurity Education and Research (CCSER) and
Department of Electrical and Computer Engineering
Old Dominion University
https://www.odureu.org/cyber

Funded by National Science Foundation (NSF)
Program Directors: Dr. Chunsheng Xin and Dr. Khan Iftekharuddin

Highlights:

- Multidisciplinary and cybersecurity-centric research.
- Students from all relevant disciplines are encouraged to apply and work on a cybersecurity project, including computer science, electrical engineering, computer engineering, criminal justice, system engineering, psychology, etc.
- The 10-week summer program includes various events such as seminars, career/graduate study panels, field trips to Navy Cyber Defense Operations Command.

Support:

- $7,200 for stipends and food
- Free on-campus housing and Travel allowance (if the program is hosted on-site)

COVID-19 Impact

- The program directors will monitor the COVID-19 situation and decide whether to host the REU program as a virtual program, or on-site at ODU in late April, 2021. The selected participants will be promptly notified.

Qualifications:

- U.S. citizen or permanent resident, with preferred GPA 3.0+
- Must be an undergraduate student to graduate later than 8/15/2021

Requirements:

- Conduct cybersecurity research with a faculty mentor for 10 weeks, June 1 – August 6, 2021
- Attend weekly research meetings and other events
- Write a research paper and poster by the end of the program

Application:

- Apply online at: https://www.odureu.org/cyber
- Underrepresented minority and female students are strongly encouraged to apply.
- Application deadline: Feb. 26, 2021 (the recommendation letter also needs to be received by this date). Earlier applications are strongly encouraged.

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