

## STEM opportunities in Cybersecurity

**High School Cybersecurity Workshop** has opened their applications for Summer 2020! This workshop is weekdays 4:00pm - 6:00pm 7/20/2020 – 7/31/2020 on APL's Laurel Campus. Applications are due by 3/20/2029 and are open to current 9<sup>th</sup>-12<sup>th</sup> grade students.

- “This course will provide an introduction to understanding how computer attacks work and how to secure computers against cyber attacks. Course topics include: Ethics and Legal Consequences of Illegal Computer Hacking, Linux, Basic Networking, Open Source Intelligence and Reconnaissance, Ethical Network Scanning and Computer Exploitation, Post Exploitation/Intrusion Detection/System Hardening, Capstone Projects, and Future Opportunities in Cybersecurity.”
- <https://www.hscybersecurity.org/summerworkshop>
- Questions, contact Charlie: [applications@hscybersecurity.org](mailto:applications@hscybersecurity.org)

• **Loyola Blakefield Cyber Challenge** is open for registration right now. The event is 3/7/2020 in Towson, MD and is for 8<sup>th</sup>-12<sup>th</sup> grade students.

- “Participants will be challenged with real-life scenarios that embody the specific cyber threats that are prevalent in today's society. Whether you have had little or no training or are well-skilled in computer management, this challenge is open to everyone. The challenge will teach and assess participant's skills and applications for handling cyber threats. Industry mentors will be on hand to make this a true teaching and learning day. If you have wanted to get involved in Cyber Security this is a great opportunity to try it out.”
- <https://lbc2.org/>
- Questions, contact Steve: [smorrill@loyolablakefield.org](mailto:smorrill@loyolablakefield.org)