

Cyber Defense Organization

“Spring” 2020 - Introduction/Pizza Party



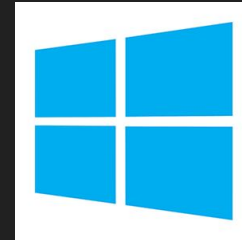
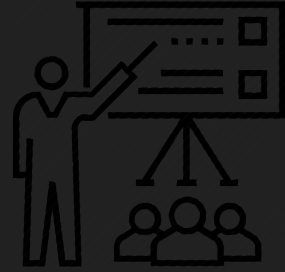
Last Semester:

- Had over 100 members attend a talk from Albany FBI Cyber.
- Hosted two guest speakers from the NSA.
- Hosted Adam Ferrante, a memory forensics guest lecture.
- Hosted Sean Kelly, a Risk Manager for BlueCross BlueShield.
- We competed in 5 competitions, Buffalo Internal, HiveStorm, CNY Hackathon (MVCC), UB Lockdown, Energy Department CyberForce.
- We hosted our own competition: the Great Dane Defense Competition, with over 50 Competitors.
- We constructed and ran 9 workshops, all of which have been published. (And have been used by several clubs we talk to).
- Hosted 10 open team practices on Monday nights.
- A CDO created national Discord (online open chat) reached over 50 members from across the country.



Events and Interest Groups!

- Friday Workshops
- Open Cyber Competition Practices
- DevOps interest group
- Cert-Study
- Red Team Group/CPTC Group



Workshops



Current Friday Workshop Schedule

Subject to change!

1. NMAP - 2/7
2. Google Dorking - 2/14
3. Wireshark - 2/21
4. Terraform - 2/28
5. Programming - 3/6
6. Offensive IOT - 3/27
7. Palo Alto/Forensics/Web Pentesting - 4/3
8. Cloud Pentesting - 4/10
9. BurpSuite - 4/17
10. Mobile phones - 4/24
11. Bash Scripting 5/1



Server Committee!!

#InfraGang

- Server Administration?
- Network experience?
- 2 servers (or more)
- Have none of this?

Join server committee!!

Talk to Nick Gannon!



DevOps interest group

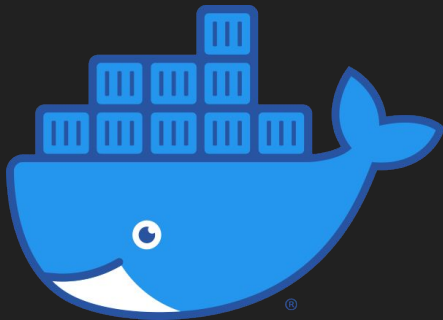
DevOps involves working with IT developers to facilitate better coordination among operations, development, and testing functions by automating and streamlining the integration and deployment processes.

Come practice building out a data pipeline and playing with infrastructure as code with Tyler B on **Tuesdays at 1:30pm** in the CDO Space



HashiCorp

Terraform



kubernetes



ANSIBLE

Cert Study

A long time ago
in a galaxy far, far away....

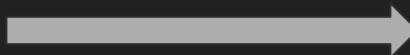
There was a group called CertStudy.

Certifications are super important! (For getting jobs)

They can make a huge difference in your career by getting you

Internships, entry level jobs, higher pay, etc.

A great place to start



Red Team/CPTC Group

Red teams are focused on penetration testing of different systems and their levels of security programs. They are there to detect, prevent and eliminate vulnerabilities.

We'll be meeting once a week on Wednesdays at 2:45 in BB121

We're going start by learning all of the basics of pen testing and move into self studying and learning as we move on so we all get better.

The end goal(s):

1. to hold tryouts towards the end of the semester to form a Collegiate Penetration Testing Competition team to compete in October.
2. To teach you guys really cool absolutely legal and ethical ways of hacking.

Disclaimer: you won't be hacking facebook, or your friends, or anything that can get you, me, us, the school, or anyone in trouble. But, you will dive deep into ethical hacking and penetration testing and maybe will really like it and enter into it as a career.



Cyber Competitions



NATIONAL
COLLEGIATE
CYBER
DEFENSE
COMPETITION

Become a defender of computer systems!

- Get experience on what it's like to have your computer systems attacked!
- Learn real world administrative skills in Widows, Linux, or Firewall/Networking!
- Travel to competitions in NYS and beyond! (Free hotels)
- Learn skills that are applicable in any organization!
- Make connections in the cyber security industry!
- Have fun!



Monday nights in BB121 @7pm

Great Dane Defense Competition



The CCDC Team made it to Regionals!!



Champlain College

Northeastern University

Pace University

Rochester Institute of Technology

United States Military Academy - West Point

University at Albany

University at Buffalo

University of Maine

University of Massachusetts - Lowell

University of New Haven



Apply For Shadowing Position

Today is the Last Day! If you are interested in becoming a shadow apply here:

<https://tinyurl.com/CDOShadow>



ANYCON 2020



SEPTEMBER 19TH/20TH, 2020 - Albany, NY Conference Center

Whether you're a student learning about the infosec world, or a seasoned security expert, there will be something for you at ANYCon.

ANYCon is looking for volunteers to assist with their event! No special skills required. Get behind the scenes and be a part of the conference, and get some experience to add to your resume!

- **Capture The Flag Competition (Beginner and Expert)**
- **Talks cybersecurity**
- **Workshops**
 - **If you want to learn more and are interested in volunteering talk to me (acapece@albany.edu)**

A group of us will be creating CTFs.

No Experience? No Problem. Well work together!



One last.. Hopefully short slide

Last things before Pizza:

- Seriously, a huge shout out to the CCDC Team.
- Crewnecks are coming...
- Thank you to everyone on Eboard... now 11 people.
- Blackout Periods / Shadows.
- Themes of this semester:
 - Seniors are leaving.
 - Member initiated events.
 - Creating a culture of independent collaborative work.



Liam Smith

@Tyler Blanco @Tyler Ritchie I'm gonna be annoying and stand on a soap box for a few minutes at the end.



Andrew Willman

We wouldn't be surprised if you didnt carry one around with you everywhere you go 🤔





Add us on Social Media!

Twitter: @ualbanyCDO



Instagram: ualbany_cdo

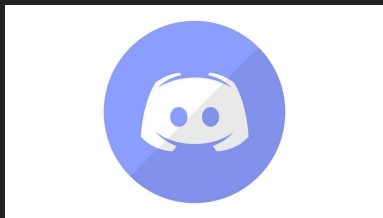


Website: uacyber.org



Myinvolvement: **Cyber Defense Org**

We have a discord!



“Spring”

