










DC33 DCNextGen Schedule			
Date / Time	Location	Event (Presenter)	Description
Scheduled Events			
Friday			
10:30	DCNextGen	Welcome / Badge & Swag Pick Up	Come pick up your DCNextGen badge and swag! Get a preview of all the upcoming activities and adventures. We'll also show you how to use your new badge in order to participate in all of our cool challenges!
13:00-14:00	DCNextGen	Ciphers & Cryptography - From Simple to Secure (Bradán Lane)	Unlock hidden messages and become a Cipher Sleuth! This session steps through a series of ciphers, all based on strips of letters. Starting with ROT13, we progress through the Caesar cipher, the Vigenère cipher, and finally the US military's competitor to the Enigma machine, the M138A. We exploit the weaknesses of early ciphers and see how to fix them, so you're secret messages stay secret!
15:37 - 17:37	DCNextGen	Meet and Greet	Ray [REDACTED], Jack Rhysider, and many special surprise guests Meet and Greet. Here is your chance to chat with some real 1337 hackers and ask them about their cool hacker stories and even learn about content creation.
		Remember: 3, 2, 1	
Saturday			
10:30 - 11:30	DCNextGen	Intro to Python - breakin' it down - (Bradán Lane)	We take a different approach to learning Python programming - we break stuff! In this session we use the Thonny development tool to step line by line through a python program and to learn the principles of variables, input and output, making code reusable, and working with data stored in files. We will see what each line of python code does and how we can use that to create our own programs!
13:00-13:30	DCNextGen	Networking 101 - (N3rd H3Rder)	A quick introduction to the giant network that is the internet, the parts that work together, and how data moved across (OSI model).
14:00 - 14:30	DCNextGen	The CVE-Hunters Project: From Curiosity to Impact - (Natan Morette)	How a group of students in Brazil started hunting real-world vulnerabilities in open-source projects - and how you can too. This talk shares our journey, how we began making an impact in our local community, and how that impact is now reaching the world.
15:00	DCNextGen	Real life hacker stories (that can't be recorded!)	Panel - Hacker stories and career Q and A: Stories and adventures from real life hacking engagements. Ask the panel about different career's in cyber security and getting paid to be a hacker.
19:00	DCNextGen	DCNextGen Party!	Are you ready to rock? If so come to the DCNextGen party where the theme is cyberpunk! We have glow in the dark decorations, UV lights, and Cyber Punk music to set the scene. What is there to do you might ask? Theres video games, fun beach balls, giant board games, make your own raccoon masks, glow tattoos, and so much more! There is no better place to meet new friends and hang out.
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Sunday			
11:00	DCNextGen	DCNextGen Closing Ceremonies	And just like that, it's a wrap! While we're sad to see the fun end, we want to give everyone one last big thank you. Join us for a final farewell to say goodbye to new friends and hear about all the cool plans we have for next year. We'll also be handing out prizes for all the Capture the Flag (CTF) events - you must be present to win!

DC33 DCNextGen Schedule

Date / Time	Location	Event	Description
Open Events			
All Days			
 CTF	Aerospace Village	Bricks In The Air	The Bricks in the Air (BitA) challenge uses motorized LEGO aircraft models and a laptop interfaced to a I2C controller network. Participants are challenged to learn the network protocols to control motors and actuators on the models.
 CTF	Apsec Village	AI Chatbot Hacking	Ready to outsmart an AI and show it who's boss? Join our Youth-friendly Capture-The-Flag challenge and put your detective skills to the test as you coax a chatbot into spilling secrets it's sworn to keep. You'll pick up real-world hacking tricks - no prior experience needed, just curiosity and a sense of adventure. Come crack the code, snag the flags, and prove that even the smartest AIs can't resist your clever moves!
 CTF	Biohacking Village	Biohacking Scavenger Hunt!	Learn all about the world of Biohacking, the Device Lab and the Biohacking village while on a challenging scavenger hunt.
 CTF	Blacks In Cyber		BIC will demonstrate the "Bring Your Own Challenge" scoreboard and a quick workshop about building your own CTF challenge and hosting it.
	Crypto Privacy Village	Gold Bug Puzzle	The Junior Cryptographers puzzle is a part of the Gold Bug puzzle contest. It introduces participants to basic ciphers and puzzle solving, and includes several puzzles to learn with. These are completely solvable without anything more than a sharp pencil and mind.
 CTF	Data Duplication Village	Multiple: HDD Teardown, Decryption Challenge, Error detection and correction	HDD Teardown: Take apart and see how hard drives work. Decryption Challenge: Learn how file encryption / decryption works and solve a challenge. Error Detection and Correction: Use a simple binary code system, errors are introduced in the data string. Teaching basic parity checking or checksum algorithms to identify and correct the errors, demonstrating a fundamental data integrity concept.
	Hackers With Disabilities	HDA is here for you <3	If you have any needs, our friends at HDA are right around the corner in Room 229. Check out their awesome hands-on analog synths as well!
	Hardware Hacking Village	Open Soldering lessons	Ever wanted to make your own electronic project? The nerds at the Hardware Hacking Village can teach you soldering! Bring your soldering kits and learn this valuable hacker and life skill.
 CTF	Malware Village	Coloring Book	Take a moment and unwind in the Malware Village!
 CTF	Payment Village	Finding & Scanning & Ferrofluid & Mag Stripes & \$\$\$ Vortex CTF!	There is tons to do in the Payment Village: Finding and scanning NFC Tags, Reading credit card magnetic stripes with ferro fluid and the Money Vortex CTF!
 CTF	Physical Security Village	Open The Door!	Learn and demonstrate at least 3 different ways to bypass a locked door.
 CTF	Red Team Village	WebSploit Labs	Join us for a hands-on workshop where you will learn about web application hacking. Leveraging the WebSploit Labs environment created by Omar Santos, this workshop offers a comprehensive learning experience with intentionally vulnerable applications running in Docker containers on Kali Linux or Parrot Security OS.