



**BSidesCharm 2020
Call for Speakers and Trainers Submission Form**

*** = required input**

SUBMITTER INFORMATION:

If multiple presenters, duplicate this section for each presenter.

- Presenter's Name: James Honeycutt
- Presenter's Twitter Handle (optional): @Jay_Honeycutt
- Are you currently enrolled as a student in school or university: YES / ☒ NO
- Are you a resident of MD, DC, VA, PA: ☒ YES / NO
- Are you a first-time presenter: YES / ☒ NO
- Presenter Gender:
 - ☒ MALE
 - FEMALE
 - SELF-DESCRIBE AS: _____
 - DO NOT WISH TO DISCLOSE

SESSION INFORMATION

- **Session Title *** (Limit 75 characters *including spaces*)

PowerShell Crash Course

- **Abstract *** (Limit 400 characters *including spaces*)

In a few sentences, explain what your session will cover (please do not use bullets in your submission). This abstract will be included on our website and program guide.

Ever wanted to learn PowerShell and didn't know where to start? Here is a great starting place. We will start off slow and ramp up quickly. I will cover everything you need to know to leave out of class and go build your own script. I will walk you through my process of creating my scripts. We will end with a PowerShell CTF to help with the learning process.

- **Session Detail *** (Limit 2,500 characters *including spaces*.)

Describe the architecture of your session here. What are the main points you plan to cover? Describe the presentation flow. This is the most important part of your submission for the Review Committee to review.

This is a one-day course I am building for the ISSA-Central Maryland Chapter and will be turned into a 2-day class for the Maryland National Guard. I am basing my outline of topics off of the popular "Learn Windows PowerShell in a Month of Lunches". By the time of BSides Charm, I would have given this class twice as a one-day class. The plan for the class is to spend the majority of the time learning PowerShell (roughly 5 hours), how the syntax is constructed, how to find commands, how to use the commands, and pass the commands down the pipeline. We will get into looping and if/else statements. I will also talk about remoting and some of the nuances. I will take some time (about 30min – 60min) walking through my process of creating a script. I will end the class with a PowerShell CTF I have built. The CTF is not intense at all. I only have 20 questions at the time of this writing and most of the answer can be quickly found with Google or get-help. I have had one of my co-workers go through the CTF and he had positive comments about it. He said it was realistic, not too difficult, and a great refresher from one of his PowerShell classes he had.

- **Session Format *** (select one)

- ☐ Standard Talk (50 mins)
- ☐ Content-focused Talk (20 mins)
- ☒ Full-Day Training (~7 hours)
- ☐ Half-Day Training (~3 hours)

- **Presentation Classification ***

- ☐ Defensive Strategies
- ☐ Offensive Strategies
- ☐ Digital Forensics and Incident Response

☐ Hardware / Software Exploitation

☐ Threat Intelligence and Hunting

☒ General Interest

- **If presenting on an attack or exploit ***

How did you find this attack or exploit?

<Enter Session Details Here>

How would one defend against this attack or exploit?

<Enter Session Details Here>

How would one monitor for this attack or exploit?

<Enter Session Details Here>

- **Intended Audience ***

☒ Beginner

☐ Intermediate

☐ Advanced

- **Additional Comments**

Please note any additional comments that you'd like the Speaker Committee to be aware of. All sessions will have a projector, a podium microphone, a presentation laptop (except training), and public WiFi. Do you have any requirements beyond that?

I will have everything I need.

If you're submitting a training course, please provide information on what software/hardware students require, and how many students you are comfortable teaching.

Please have them download a trial copy of Windows Server 2019 and have it installed in their virtual environment. I will provide a script to configure the domain, add the users and computers. They will be able to follow along with my demos. I may add some AD PowerShell questions to my CTF before this event.