

Joshua Gbadebo



Mentor 1: La Tasha Roberts, Austin Community College

Mentor 2: John Holmen, Oak Ridge National Lab

Home Institution: Voorhees University

Target Course: CyberSecurity

Target Course Number: CMP 431

Anticipated Enrollment: 10

Science Gateways Resource Needs/Questions:

- *I will be incorporating **Jetsream2** as a free platform and added into modules and grading scale. Students will set up their Virtual Machines in Jetstream and use a linux VM as a potential attacker.*
- *Other resources provided by my mentors are: '**deapsecure**', '**T3-Ciders**', '**cheesehub**' and '**clark**' to help incorporate HPC, BigData, Neural Network, and simulate real world scenarios in my curriculum*

Project Goals:

- *Improve student engagements and interests in coursework.*
- *Creates diverse sets of quizzes and project ideas with the syllabus.*
- *Real world scenarios with AI role play*

Science Gateway Goal 1: *Integrate Jetsream2 into modules and assignments.*

Science Gateway Goal 2: *Simulate more real world scenarios with AI role play using **deapsecure**, and **clark***

<https://hackhpc.github.io/facultyhack-gateways25>