Day Zero Cyber Defense Range

The main objective of this project is to design and build a working infrastructure of virtual and physical machines that simulate a realistic competition environment. This network will be accessible by students granted access within Shelby Hall. The virtual machines will serve as machines for attacking and also for defending from incoming "attacks" from other students.

Client/Advisor
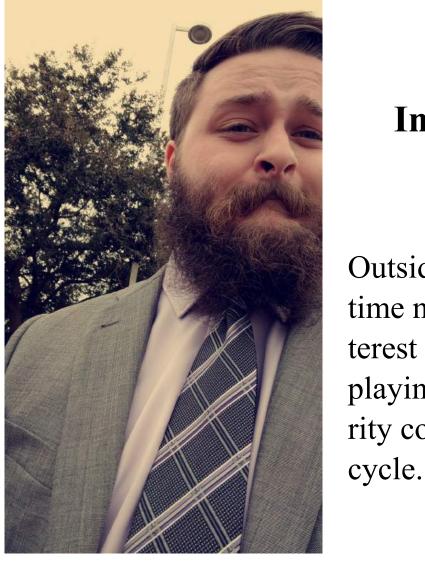
Dr. Todd McDonald, Professor, USA

Team Members

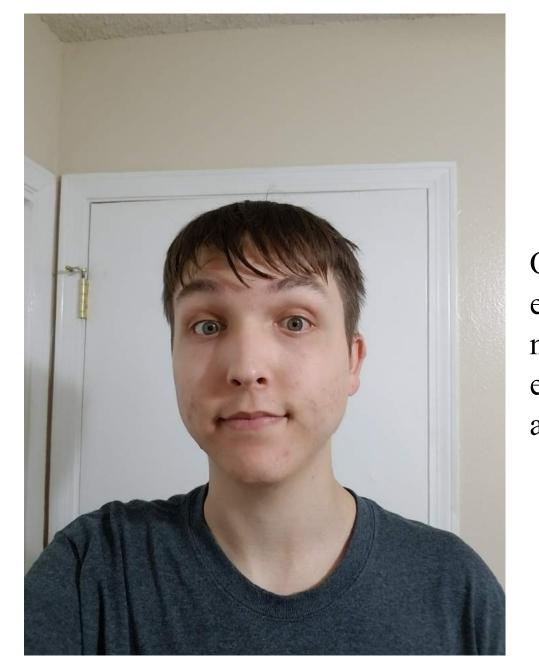**Demarcus Williams**
Computer Science

Outside the classroom, DeMarcus is involved with Cyber Security Capture-the-Flag competitions, Attack and Defense competitions, and Bug Bounty programs. Aside from the technical interests, DeMarcus also has interests in music, fitness, and rock climbing

Garrett Smith
Information Technology
Networking Track

Outside the classroom, Garrett is a full-time network administrator with an interest in cyber security. He also enjoys playing guitar, competing in cyber security competitions, and riding his motorcycle.

Michael Dorsett
Computer Science

Outside the classroom Michael is interested in reverse engineering and vulnerability analysis. In his free time he enjoys playing video games, tv shows, and traveling.

Nathan Herron
Computer Science

Nathan is a Scholarship for Service student with an interest in cyber security. He enjoys participating in cyber security competitions, video game tournaments, and playing guitar.