

RIO MCGILLVARY

CYBERSECURITY

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portfolios.daytonstemschool.org/DRSS/mcgillvary.9/

EXPERIENCE

US CyberPatriots, Dayton Regional STEM School

August 2022 – Present

- Investigated Linux virtual machines, searching for and discarding malware.
- Minimized potential vulnerabilities for hackers to exploit.
- Utilized Linux terminal commands to fortify the security of the system.
- Achieved semifinals in the silver tier during the 2023 season.

Programming Course, Dayton Regional STEM School

August 2023 – May 2024

- Learned the basics of SVG.
- Operated in a Java coding environment for the entire year.
- Helped with the Tangrammy page of 2023 by working on the CSS.
- Acquired knowledge for using KTurtle as an intro to other coding languages.

Internship at the Gaming Research for Learning Laboratory

January 2024 – May 2025

- Learned how to effectively use Unreal Engine.
- Produced a 3D model in TinkerCAD.
- Animated and created a basic model in Blender.

EDUCATION

The Dayton Regional STEM School

August 2019 – Present

Expected Date of Graduation: May 2026

GPA: 3.7

Relevant courses: Programming, Cyber Operations, Principles of Computer Science, Precalculus, Technical Reading and Writing, Digital Electronics, Computer Hardware, Robotics, TAC Experimental Learning.

COMPUTER SKILLS

- **Proficient with:**
 - Java
 - Linux
 - Windows
 - HTML and CSS
- **Certified in:**
 - FANUC Robot Arm Operation
 - FANUC Robot Arm Operation with IRVision