

# Ryan D. Bosley

Objective: To contribute my skills and knowledge to the advancement of the STEM field.

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## EXPERIENCE

### **Exploration Outreach Assistant, June 2022-August 2022**

Assisted teachers in a STEM-themed VR summer camp  
Use of Unity, Blender, Substance 3D, and VR to construct an Artificial Gravity Space Ring

### **3D Modeling & Texturing, August 2021-Present**

Commissioned by game developers for the creation and texturing of models for the platform ROBLOX

### **Rite Aid, Harrisburg, PA, October 2021-April 2022**

Front end associate included cashiering, stocking, sale tags, guest services, and organizing shelves

### **Target, Gambrills, MD, October 2019- June 2021**

Checkout advocate which included cashiering, running self checkout, cleaning, guest services, and handling drive-up orders

### **Club SciKidz, Anne Arundel County, MD, June-August 2020 & 2021**

Full-time counselor and project teacher at a STEM-based summer camp for children ages 4-15 (some focus areas included robotics, video game design, and 3-D printing)

### **Habitat for Humanity, Glen Burnie, MD, 2018**

Volunteered for dozens of community service hours doing manual labor, shelving, and other odd jobs

## HARD and SOFT SKILLS

160+ WPM keyboarding  
Strong communication skills

Team player & leader

Experience with Front End Development

Adobe InDesign, Illustrator, and Photoshop

Adept in 3D software -  
Blender & Adobe Substance Painter

Certified in CPR training valid 5/31/20-5/21/22

Certified in Mandated Child Abuse Reporter Training

Experience with CAD software - SolidWorks

Blueprint reading

VR/AR development

Unity

## PROJECTS

### Custom Portfolio Website

HTML & CSS with other Front End Development skills to create an interactive portfolio

### Solar Charging System Integrator

Wiring, mechanical, and electrical skills used to update Harrisburg University of Science and Technology's solar-powered bicycle and its charging system with a team of Professors and students

### Virtual Reality Artificial Gravity Space Ring

Worked with two other undergraduates to create a to-scale Space Ring utilizing Blender, Substance 3D, and Unity to put into a VR space

### CaVRns

Worked with a team to go to cave sites to scan with infrared, optical, and black light cameras with the goal of rendering the caves into VR spaces for educational purposes

## EDUCATION

**Harrisburg University of Science & Technology (HU), Harrisburg, PA,  
August 2021-present - - 3.71 GPA**

Full-time undergraduate Sophomore pursuing major in Advanced Manufacturing (Additive Manufacturing, Subtractive Manufacturing, robotics, CAD software)

**Anne Arundel Community College, Arnold, MD, August 2020-May 2021  
-- 3.0 GPA**

Introduction to Business

Mechatronics

**Center of Applied Technology North, 2017-2020**

Graphic Design

Printing Technologies

**Arundel High School, Odenton, MD**

Diploma awarded June 2021

AP and Honors Student

4.05 Weighted GPA

## AWARDS

HU Honors List for Freshman year

Maximum university merit scholarship for all 4 years, 2021-2025

Scholarship from Miss Utility for essay submission, 2021

Inducted into the National Technical Honor Society, 2019

Principal's Honor Roll or Honor Roll every semester of high school

Perfect attendance at the Center for Applied Technologies-North

Student of the Month at the Center for Applied Technologies-North