

Ryan D. Bosley

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

1118 Red Harvest Rd.
Gambrills, MD 21054
443-679-7420
rbosleydesigns@gmail.com
<https://ryanbosley.com>

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 & Map Building, August 2021-Present

Commissioned by game developers for the creation and texturing of models, map building, and leading game development 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, lidar, and black light cameras with the goal of rendering the caves into VR spaces for educational purposes

VR-Rendered Harrisburg University

Worked with a team of students to 360 scan Harrisburg University of Science and Technology with the purpose of bringing it into the virtual realm for VR/online experiences

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

3.72 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