

Brian Hughes

Baltimore, MD | 443-567-5840 | brianh4@umbc.edu

Objective

I am a passionate Geography & Environmental Studies student aiming to find a Geographic Information Systems position upon graduating to apply strong technical skills in spatial analysis, data visualization, and sustainability-focused projects.

Experience

UMBC Office of Sustainability | Eco-Ambassador |

2023-2024

- Collaborated effectively with team of peers to organize multiple sustainability-based events
- Performed student outreach improving percentages of students composting on-campus
- Analyzed composting data in excel to develop effective campus waste management techniques

UMBC Academic Success Center | Peer Tutor |

2025-2025

- Provided GIS and environmental science tutoring enhancing student knowledge of subjects
- Worked with colleagues to develop innovative and unique approaches to tutoring
- Cultivated meaningful tutoring sessions using soft skills

UMBC Campus Planning | Assistant Campus Planning Intern |

2025-Current

- Obtained intermediate level skills in autoCAD and data transfer from CAD to GIS
- Constructed a comprehensive geodatabase for a campus GIS
- Collaborated in a small team to effectively problem solve with limited resources

Education

University of Maryland Baltimore County, BS Environmental Science & Geography 2022-2026

Major: Environmental Science & Geography | Minor: GIScience certificate, Entrepreneurship & Innovation

Relevant Coursework/Technical Skills

- Spatial data analysis and mapping in arcGIS (pro and online)
- Operation of land surveying equipment
- Analysis of remotely sensed imagery in ENVI
- Synthesis of research papers and mapping exercises to draw conclusions about human environmental impacts in Baltimore