

Greyson Meares

<https://greyson-m.github.io> | Morgantown, West Virginia | (304) 282-8498 | gcm00010@mix.wvu.edu

Education

West Virginia University, Morgantown, WV

Anticipated Graduation: May 2026

Major: Computer Science

Minor: Applied Mathematics

Technical Skills:

C, C++, Java, Python, OpenGL, Numerical methods, React JS

Relevant Completed Coursework

Multivariate Calculus | Probability & Statistics | Computer System Concepts (C Language) | Digital Logic Design | Linear Algebra | Partial Differential Equations | Analysis of Algorithms | Compiler Construction | File and Data Structures

Relevant in Progress Coursework

Networking | Operating System Design | Software Engineering | Complex Analysis |

Personal Projects with Demonstrations on my Github Page

- Numerical simulation of the Dzhanibekov effect using custom 3D renderer
- Wave Equation in Polar Coordinates
- Solvers for Non-linear Conservation Equations
- N-body Problem Visualization
- Simulated PID control
- N-pendulum Visualization

Work Experience

Lowes, Morgantown, WV

July 2023 – Present

Sales-Associate

- Advise customers with their home projects in the electrical and plumbing departments
- Use reasoning and problem-solving skills to solve electrical and plumbing problems
- Use Lowes software systems to monitor stock and order products
- Organize and memorize product location, price, and use

Subway, Morgantown, WV

April 2021 – June 2022

Sandwich Artist

- Ensured sanitation of the work area met requirements
- Prepared ingredients and dry stock for following shifts
- Operated Subways point-of-sale system

Activities

Center for Community Engagement Volunteer

August 2022 – December 2022

- Created and edited a promotional video using Adobe Premiere Pro
- Collaborated with other volunteers to promote civic engagement among students