Andrew Walker

Location

Charleston, WV

Phone

(304) 553-8219

Email

andrewwalker090902
@yahoo.com

Website

www.andrewwalker.app

Novice Programmer with 4 Years of educational experience in computer science. Proficient in a variety of programming languages. I am eager and focused on acquiring more knowledge to become competitive in the workforce.

Key Projects

August 2024 – May 2025
Automatic Short Answer Grading Tool
- Senior design group project creating an automatic grading tool for objective based short answer questions
- Developed by using Sentence-BERT to create embeddings for student and reference answers and graded using cosine similarity scores

January 2024 – May 2024
MPX Operating System
- Collaborated with a team developing a custom Operating System on MPX architecture
- Worked on implementation of serial polling, process control blocks, and a heap memory manager.
- Worked on the logic behind the functions for freeing memory

January 2025– May 2025
Website Development & Implementation
- Collaborated with a team of students to create a full-stack web application for managing the inventory of an online store
- Frontend developed with HTML/CSS/JavaScript on the React framework
- Backend developed with Node.js/Express connected to a MySQL database supporting RESTful API routes for CRUD operations

March 2025 – Ongoing
ChronoSwap - 2D Puzzle Platformer Game
- Designed and programmed a platformer game using Unity and C#
- Implemented core movement and gameplay mechanics and level selection with state saving/loading

Education

West Virginia University | Morgantown, WV
May 2025 | Bachelor of Science in Computer Science

Key skills and characteristics

- Proficient with Programming Languages: C, Java, Python, HTML/CSS
- Novice experience in database management
- Collaborated with peers in Agile development environments

Work History

May 2021– August 2022
Chick-Fil-A | South Charleston, WV
- Front of house taking orders and serving guests