Matthew Amurao

Montrose, Colorado | https://zoxplers.com

SUMMARY:

Fresh graduate in computer science with a background in software development and team leadership. Possesses a strong foundation in the software engineering process. Interested in creating finance programs, web apps, music production, and game design. Ready to build a long-term career, contribute to innovative projects, and grow professionally.

EDUCATION:

University of Colorado Colorado Springs   August 2020 – May 2024
Bachelor of Science in Computer Science
Class of 2024

Montrose High School   August 2016 – May 2020
Computer Science, Engineering, and Business Focus
Livestreaming Club
Class of 2020

SKILLS:

Programming Languages: C#, C++, C, Python, Java, JavaScript, HTML, CSS, R, Go, Kotlin
Game Development: Blender, Unity, GMS2, Unreal Engine, Godot
Web Development: Ruby on Rails, JDBC, Javalin, Spring Boot, MySQL, PostgreSQL, MongoDB, Node.js, React, Angular, Next.js, Express.js
App Development: GIT, .NET, WinForms, Android Studio, Visual Studio, Arduino, IntelliJ, Eclipse, Gradle, Maven, CMake, Qt, Tkinter, Kivy
Digital Media: Illustrator, Inkscape, Photoshop, GIMP, Premiere Pro, Shotcut, Ableton, Audition, FL Studio, Audacity
Accounting: Quicken, QuickBooks, Data Visualization, Pivot Tables

RESEARCH EXPERIENCE:

- Created full stack web apps using ruby on rails and agile development practices.
- Created an ESL translator using mediapipe and tensorflow that used a custom machine learning model to translate hand signs from a video stream.
- Recreated many well-known games using .NET winforms with C# and Qt with C++ and Python.
- 1 year of creating web apps using React and Angular for public APIs.
- 1 year of SQL query practices and database design.
- 3 years of game development practice using Unity and Godot, with a focus on model creation, rigging, animation, sound design, and level design.
- 4 years of java experience ranging from Minecraft mods and plugins to using Javalin and Spring Boot to create RESTful APIs.

LEADERSHIP EXPERIENCE:

Montrose High School MHS Media
Team Lead

- Demonstrated organizational and leadership skills by training team members and delegating tasks.

- Collaborated with event managers and sports teams to advertise and livestream events and games.
- Created a workflow designed to streamline hardware setup and implement tasteful camera work.