**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.