

Daniel Mamuza

daniel.mamuza@gmail.com | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

EDUCATION

University of Nevada, Las Vegas

Expected May 2027

Bachelor of Science. in Computer Science

GPA 3.7

Sierra Vista High School

Aug 2019 - May 2023

Advanced Honors Diploma

GPA 3.9 / 5.0

Animation CTE Program

Involved in National Honor Society

TECHNICAL SKILLS

Languages: C++, C#, JavaScript, TypeScript, HTML, CSS, Python

Technologies: Unity, Blender, Git, Docker, Deno, Django, Cloudflare

RELEVANT COURSEWORK

Computer Science I (C++) | Discrete Mathematics | Computer Science II (Object Oriented Programming) | Computational Linear Algebra

AP Calculus AB | AP Calculus BC | AP Computer Science Principles

RELEVANT EXPERIENCE

Calculus Tutor | Sierra Vista High School

Aug 2022 - May 2023

- Explained Calculus classwork and concepts to a classroom of 40 students.
- Mentored students one-on-one in preparation for the AP exam in which students received 4s and 5s.
- Graded more than 200 tests and assignments, and inputted the scores.

ADDITIONAL EXPERIENCE

Retail Associate | Skechers

Dec 2022 - May 2023

- Handled 30 cash transactions with customers daily.
- Addressed customer concerns and prompted swift solutions.

PROJECTS & CERTIFICATIONS

Lord of the Rings Esolang | TypeScript, Deno | [GitHub](#)

In progress

- Developed interpreted language including a tokenizer, parser, and lexer.
- Evaluated expressions and statements for strings, objects, booleans, and number literals.
- Utilized a transcribe for “.lotr” files and used a REPL mode when no file is given.

JavaScript Algorithms and Data Structures | Javascript | freeCodeCamp

In progress

- Overcame various obstacles in the legacy course version
- Discovered the basics of JavaScript, RegEx, and data structures.

TheLonelyWizard | C#, Unity, Git | [GitHub](#)

December 2023

- Designed game logic such as enemy walk paths, leveling system, and player controller.
- Utilized multi file development with more than 20 C# scripts.
- Developed a 2D top down shooter

Responsive Web Developer Certification | HTML, CSS | [freeCodeCamp](#)

July 2023

- Created 5 projects including a survey, tribute, technical documentation, product landing, and portfolio page.
- Refreshed on the basics of HTML and CSS prior to freshman year.
- Learned accessibility standards for web development.