

Daniel Mamuza

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EDUCATION

University of Nevada, Las Vegas	August 2023 - May 2027
Bachelor of Science. in Computer Science	GPA: 3.8
Sierra Vista High School	August 2019 - May 2023
Advanced Honors Diploma	GPA: UW 3.9 W 5.0
Animation CTE Program, National Honor Society	

TECHNICAL SKILLS

Languages: C++, C#, HTML/CSS, TypeScript, Python
Technologies: Blender, Deno, Django, Docker, Git, Next.js 14, React 18, Unity

PROJECTS

Monk TypeScript, Next.js 14, React 18, PostgreSQL Live Demo	June 2024
<ul style="list-style-type: none">Developed a Kanban board and note app for task management for individuals and organizations using Clerk's user authentication.Implemented pro user features such as unlimited boards and notes with Stripe subscription management system.Managed database schemas to ensure scalability and data integrity for user CRUD operations with Prisma ORM and PostgreSQL via Supabase.Employed dynamic routing, API routes, middleware, and server actions while developing the Monk app, enhancing data handling and backend interactions.	
JeraldBot Python, Discord.py GitHub	May 2024
<ul style="list-style-type: none">Created a customized Discord chatbot specializing in personalized plant-related questions using Discord.py API configuration.Connected bot with OpenAI API and Giphy's endpoint for more customized and functional responses.	
Lord of the Rings Esolang TypeScript, Deno GitHub	February 2024
<ul style="list-style-type: none">Developed an esoteric interpreted language using 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 was given.	
TheLonelyWizard C#, Unity GitHub	December 2023
<ul style="list-style-type: none">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 rogue-like shooter.	

EXPERIENCE

Calculus Tutor Sierra Vista High School	August 2022 - May 2023
<ul style="list-style-type: none">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.Managed grading and creating more than 200 tests and assignments throughout the school year in collaboration with a team of fellow graders under the supervision of the teacher.	
Retail Associate Skechers	December 2022 - May 2023
<ul style="list-style-type: none">Communicated with 30 customers daily to ensure excellent customer service.Addressed customer concerns and prompted swift solutions.	