

## Contact

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(LinkedIn)  
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JS\_Portfolio\_Student/ (Portfolio)

## Top Skills

Game Design  
System Development  
Agile Methodologies

## Languages

English (Native or Bilingual)  
Japanese (Elementary)

## Certifications

Developing a Mood Board  
Writing Press Releases

# Zachary Aars

Founder @ Alkain G&E Studios | Video Game Design and Development  
Gillette, Wyoming, United States

## Summary

As a game developer and stage hand, I have a diverse background in both the tech and entertainment industries. This experience has honed my skills in problem-solving, teamwork, and attention to detail.

In addition to my role as a founder, I was also a game developer at Hoskinson Health & Wellness Clinic, where I developed fun and exciting projects in the video game field. I am passionate about creating engaging and immersive gaming experiences that bring joy and excitement to players.

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## Experience

Alkain Gaming and Entertainment Studios  
Founder  
June 2021 - Present (4 years 6 months)  
Gillette, Wyoming, United States

Cam-plex  
Stage Hand  
September 2015 - Present (10 years 3 months)  
1635 Reata Dr, Gillette, WY 82718

Helped setup and take down shows at the local event center, Camplex.

Hoskinson Health & Wellness Clinic  
Game Developer  
September 2024 - January 2025 (5 months)  
Gillette, Wyoming, United States

- Engaging in the design of interactive digital entertainment systems
- Developing interactive digital entertainment systems
- Implementing interactive digital entertainment systems from retro video game software
- Aiming to produce engaging, innovative, and nostalgic interactive experiences for end-users

## Northern Wyoming Community College District

### VR Developer

August 2022 - January 2024 (1 year 6 months)

Gillette, Wyoming, United States

- Implement virtual reality integration within the Unity 3D development environment to facilitate immersive training simulations compliant with Mine Safety and Health Administration (MSHA) standards
- Employed C# programming language to develop and instantiate VR hardware interface modules
- Utilized the OpenVR Software Development Kit (SDK) in conjunction with the SteamVR runtime API
- Enabled seamless compatibility and functional interoperability across supported VR hardware ecosystems

## Visionary Broadband

### Technical Support Specialist

April 2022 - November 2023 (1 year 8 months)

Gillette, Wyoming, United States

- Conduct a systematic diagnostic process to identify and resolve connectivity issues and performance challenges related to Local Area Network (LAN) interfaces
- Verify physical layer integrity
- Review protocol configurations
- Utilize network diagnostic tools such as ping and traceroute utilities
- Ensure optimal internet service performance

## The Tech Academy

### ASP.NET Project Intern

December 2021 - December 2021 (1 month)

Remote

During this project, I utilized: C#, .NET, MVC, Entity Framework, HTML, Bootstrap4, Agile to enhance an existing codebase.

## The Tech Academy

### Django Project Intern

October 2021 - October 2021 (1 month)

Remote

During this project, I utilized: Python, Django, SQL, SQLite, HTML/CSS, Bootstrap4, Agile to create a custom web application.

### Alkain Studios LLC

CEO and Founder

March 2017 - March 2021 (4 years 1 month)

Gillette, Wyoming

### Gillette College

VR Programmer

September 2019 - September 2020 (1 year 1 month)

Implement VR compatibility into Unity for MSHA training courses.

Utilized C# to build with OpenVR and SteamVR.

Used Blender 3D to develop models for the projects.

Created custom art with Adobe Photoshop.

### CTW Automation

Software Engineer

June 2018 - March 2019 (10 months)

Remote

Used existing code base to create original libraries using C#.

Participated in software testing, debugging and QA.

### God Insired Games

Project Manager

August 2016 - June 2018 (1 year 11 months)

Gillette, Wyoming

Help with the making and management of games in the works.

### Sakura Sushi & Steakhouse

Social Media Manager

December 2016 - December 2016 (1 month)

I help promote and manage their Facebook page.

### Collins Communications, Inc.

Technical Support

May 2015 - July 2015 (3 months)

3795 Collins Rd E, Gillette, WY 82718

Help troubleshoot issues with the internet over the phone.

### Gillette College

Ground Maintenance

April 2014 - March 2015 (1 year)

Keeping the grounds at the Gillette College clean.

### Gillette Theatre

#### Concessions

September 2013 - November 2013 (3 months)

Help run concessions.

### Motion Industries

#### Warehouse Worker, Delivery Driver

August 2012 - June 2013 (11 months)

Deliver parts to the various mines and coal companies in Gillette, as well as fill the stock in the warehouse.

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## Education

### The Tech Academy

Software Engineer Bootcamp, Computer Software Engineering · (March 2021 - January 2022)

### Gillette College

Electrician · (2014 - 2015)

### Heritage Christian School

High School Diploma · (2006 - 2012)

### Full Sail University

Bachelor's degree, Video game design · (2016)