

## Contact

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(LinkedIn)  
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JS\\_Portfolio\\_Student/](https://jasonalkain.github.io/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 Inspired 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)