

# Adam Fahrer

[Email](#) | [Website](#) | [GitHub](#)

## Education

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Shawnee State University – Portsmouth, OH Fall 2020 – Present

*Bachelor of Science in* **Digital Simulation and Gaming Engineering**

- GPA: 3.76
- Dean's List (4 semesters)

Rio Grande University – Rio Grande, OH

Summer 2019

*General Education Program*

## Skills

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|------------|----------------------|
| • Python   | • Code Blocks        |
| • C/C++    | • Visual Studio      |
| • C#       | • Visual Studio Code |
| • GDScript | • Maya               |
| • Unreal   | • Photoshop          |
| • Unity    | • Git Hub            |
| • Django   | • JetBrains Rider    |
| • Open GL  | • Perforce           |
| • PyCharm  |                      |

## Projects

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Delve – 2022 Shawnee State Game Jam

September 2022 – October 2022

- Utilized the Godot Engine and GDScript to design a challenging platformer while incorporating the given theme of deception.
- Assumed the role as lead and directed a team of nine to produce a functional game within a 7 day period.
- Designed multiple mechanics from collectables to omnidirectional moving platforms that can be easily manipulated by the level designer.

Critters – 2022 Shawnee State

October 2022

- Assigned the task of making simple shooter style game in the Unreal Engine but pursued an ambitious VR horror game that met the requirements.
- Developed aspects of a simple noise detection through blueprints that will give the player the feeling that their actions will draw the enemies closer to them.
- Incorporated the use of the landscape and foliage tools to create a forest themed environment to immerse the player further

## Relevant Work Experience

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Shawnee State University – Portsmouth, OH

July 2021 – Present

*Lab Tech*

- Tasked with ensuring 60 computers stay operational with up-to-date software
- Manage leasing out items to students and faculty along with keeping records of the exchanges
- In charge of being available to fix a problem that someone is having with one of the machines be it connectivity issues, to a complete reformat of the machine.

Jackson City Schools – Jackson, OH

Summer 2022

*Tech Intern*

- Tasked with reinstalling computers across five different building to ensure a smooth start of the school year.
- Worked with a group of two others and needed to convey accurately issues in a clear and concise manner.

## Other Work Experience

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Bellisio Foods (Food Manufacturer) – Jackson, OH

Summer 2020 – Summer 2021

*General Worker*

- Collaborated with a team of 6-10 people all in charge of making sure the production line stays operational and ensures duties are done in a safe and sanitary manner according to company and federal guidelines.
- Entrusted with releasing other workers on breaks and taking over their positions until they return.

## Relevant Coursework

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- Calculus 1 & 2
- Calc-Based Physics
- Game Programming Foundations 1 & 2
- Computer Graphics 1 & 2
- Concepts of 3D Graphics and Math
- Digital Foundations
- Systems Programming
- Object Oriented Programming and Software Engineering
- Data Structures
- Linear Algebra
- Algorithms
- Operating Systems 1
- Realtime Interactive Programming 1