

Jaden Baker

765-637-8347 | Fargo, ND | jaden@eclipsed-studios.com | <https://www.eclipsed-studios.com/portfolio>

Education

BS in Informational Technology - Programming and Software Development

Purdue University Global, 08/2020 to 05/2023

Skills

Programming/Scripting Languages

(proficient): C#, (intermediate) C++, Java, (familiar) Python, Lua, JSON

Software/Tools

(proficient) Microsoft/Google Suite, Windows, Unity Engine,
(intermediate) Git/GitHub/Version Control, Ubuntu Server, Blender
(familiar) MySQL, SQLite, Windows Server, and .NET

Projects

“The Wall”

Purdue University, Fall 2020, School Project

- Developed a backend to connect users to a central server using threads
- Created and implemented a system to store user data and allow users to retrieve it
- Achieved a high grade, while working in a hybrid work environment and a 6-week timespan

“Sundowner”

Personal Project, present

- Created game design documents to plan out gameplay mechanics
- Programming net code and implementing Steamworks networking
- Developed mechanics and systems using a physics-based VR framework
- Integrated Inverse Kinematics on a 3D model to match controller and headset positions

Leadership and Involvement

Team 7198 “Fearsome Gears”, Programming Captain

First Robotics Competition Team, 08/2018 – 06/2020

- Completed a functional robot in 6 weeks to fulfill the unique and challenging challenges of a certain year's game
- Discuss with team engineers and builders on what functionality the robot should need and produce pseudocode that will be implemented into the robot
- Program using Java and implement various libraries and software to allow the robot's components to function

Cyber Patriot, Ubuntu Securer/Hardener

Cyber Security Competition, 08/2017 – 06/2020

- Fix Ubuntu vulnerabilities found on the image, as well as harden it with tools
- Scored in the top 30% of teams and competed in the platinum tier state round
- Fixed 90% or more of the possible issues in the system in a 7-hour time limit

Work Experience

Cashier, McDonald's

03/2017 to 09/2017 | Collecting payment, taking orders, and cleaning whenever needed.