

Shane Tupler

Technical Game Designer

shanemakesgames.github.io

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EXPERIENCE

Flowstone Saga :

Impact Gameworks - Programmer

September 2021 - Present

- Worked with different disciplines to create **player-facing features** such as monster abilities and character item passives
- Wrote **development tools** such as a script for **automating multi-platform game builds**, and an **authoring tool for cutscenes**
- Built **systems** for **asset-loading and storage**, **localization**, and detecting and displaying accurate controller icons in tutorials

Digital Janitors :

Tired Turtle Games - Lead Gameplay Designer

November 2019 - October 2021

- Collaborated closely with a small team to develop a desktop defense game with **Unity**
- Tweaked gameplay systems to achieve a balance between **challenge and player enjoyment**
- Wrote a **wave system** for spawning enemies and obstacles
- Designed and programmed various **enemy behaviors**, **power-up ability types**, and **boss battles**

Project Spectrum :

Project Spectrum Team - Lead Programmer and Designer

April - September 2019

- **Directed** a small team with specialized roles
- Developed an **educational puzzle game** with **Unity** using color theory
- Implemented **gameplay mechanics** and interactions with a focus on ease of use
- Arranged the **layout of levels** with obstacles and multiple correct paths to allow for player agency

TECHNICAL SKILLS

Programming Languages:

- C#
- Python

Game Engines:

- Unity
- Unreal Engine

Version Control:

- Github Desktop
- Sourcetree

EDUCATION

- **Drexel University**, Philadelphia, PA
 - *Game Design & Production BS*
 - September 2018 - June 2023
 - Cumulative GPA 3.77

HONORS & AWARDS

- 2021 Intel University Games Showcase Finalist
- Drexel Founder's Scholarship
- Drexel Dean's List
- Second Degree Black Belt in Taekwondo

ACTIVITIES

- Entrepreneurial Game Studio, 2019-Present

RELEVANT COURSEWORK

- Game Workshop I & II
- Game Design Lab I & II
- Scripting for Game Design
- AI in Gaming
- Computer Programming I
- Overview of Computer Gaming

OTHER WORK EXPERIENCE

- B&B Department Store Seaside Park, NJ
June 2015 - September 2019
- Kohr's Frozen Custard Seaside Heights, NJ
June - September 2014