

# Shane Tupler

## Technical Game Designer

[shanemakesgames.github.io](https://shanemakesgames.github.io)

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### WORK 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
- Communicated with QA team to fix bugs

#### 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**
- Programmed a **wave system** for spawning enemies and obstacles
- Designed and programmed **28 enemy types**, **15 power-up abilities**, and **3 boss battles**

### PROJECT EXPERIENCE

#### Recursion Error :

##### **Cyber Duck Collective – Technical Game Designer**

September 2022 – June 2023

- Designed **3 weapons** that encourage **different playstyles**
- Wrote **documentation** on weapon designs
- Programmed weapon functionality and mechanics
- Tweaked **weapon parameters** such as attack speeds and damage amounts based on playtest data
- Collaborated with **art and animation teams** on the look of the weapons
- Implemented attack animations and hitboxes

### TECHNICAL SKILLS

#### **Programming Languages:**

- C#
- Python

#### **Game Engines:**

- Unity
- Unreal Engine

#### **Version Control:**

- Github Desktop
- Sourcetree
- Perforce

### EDUCATION

- **Drexel University**, Philadelphia, PA
  - *Game Design & Production BS*
  - September 2018 – June 2023
  - Cumulative GPA 3.75

### 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, 2019–2023

### RELEVANT COURSEWORK

- Game Workshop I & II
- Game Design Lab I & II
- Game Playtesting
- 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