

Kean Kane

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Education

- **Purdue University**, West Lafayette, IN - **Majors:**
 - Game Development & Design
 - Animation
 - Botany & Plant Pathology,.

Skills

- **Leadership:** Mentorship and employee management (Jr Prod Spec. and Undergraduate Research Assistant)
- **Communication:** Design documents and verbal presentations (pitches and technical documentation)
- **Game Engines:** Unreal 4, Unreal 5 (Techno Ruins and Click), and PixiJS web library (Kanesgame.com)
- **Programming & Scripted:** Unreal Blueprinting (Techno Ruins, Click), Java Script, HTML, CSS (Kanesgame.com), and Java.
- **Modeling:** Maya(Environment Design, Prop Mesh Creation, and Character Mesh Creation), Photoshop, and Illustrator (Documentation)
- **Texturing:** Photoshop and Substance Painter
- **Productivity:** MS Office Suite (Word, Excel, and Powerpoint), Open Office, Google Drive, and Github (Kanesgame.com)
- **Animation:** Maya (3D Animation, Rigging, and Skinning), Photoshop (2D Illustration and Animation), and After Effects (Digital Compositing and Post Production Lighting)

Projects

- **Techno Ruins** - Engine: Unreal engine 5 - Genre: Third Person Adventure
 - Designed an atmospheric adventure level
 - Designed puzzles
 - Created level and game documentation
 - Created an immersive world with a rich backstory
 - Created a blackout and a playable finalized level
 - Scripted combat encounters
 - Scripted Puzzles
 - Scripted AI for an interactive experience
 - Scripted cinematic scenes
 - Rigged and skinned characters
 - Animated characters

- **Click** - Engine: Unreal engine 5 - Genre: Third Person Horror
 - Designed an atmospheric horror level
 - Created level and game documentation
 - Presented and creating pitch documentation
 - Created an immersive world with a rich backstory
 - Created a blockout and a playable finalized level
 - Scripted gameplay elements
 - Scripted AI for an interactive experience
 - Scripted cinematic scenes
 - Modeled characters, props, and environments
 - Textured characters, props, and environments
 - Rigged and skinned characters
 - Animated character and prop interactions

- **kanesgame.com** - Engine: Javascript with PixiJS library - Genre: Real Time Strategy
 - Designed cute environment
 - Designed 3 unique characters
 - Animated 3 unique characters
 - Designed website container for a javascript application
 - Hosted website with a unique domain
 - Balanced unit stats and abilities
 - Created dynamic health bar animations
 - Created unique game menu icons and functionality
 - Created and implemented unique sound effects

Experience

- **Jr Production Specialist** - Summers of 2022 - 2024 - Location: Lafayette Indiana
 - Managed Desktop Publishers
 - Streamlined Desktop Publishers workflow
 - Formatted School Datebook images and text
 - Performed revisions of books based upon customer feedback

- **Desktop Publisher** - Summer of 2021 - Location: Lafayette Indiana
 - Formatted School Datebook images and text
 - Performed revisions of books based upon customer feedback

- **Undergraduate Research Assistant** - August 2019 - August 2021 -
 Location: Purdue University
 - Managed greenhouse infrastructure
 - Mentored junior members of the lab
 - Operated research equipment
 - Solar pressure chamber
 - LI-COR 6800
 - Microscope

- Cataloged and analyzed data
- Prepared plant pigment and hormone samples
- **Volunteer Minorities in Engineering Program Leader** - Summer of 2016 -
Location: Purdue University
 - Taught grades 6-8
 - Taught visual scripting techniques within Scratch to create video games and robots that solve dynamic puzzles
 - Helped participants problem solve and troubleshoot issues within their scripts
 - Encouraged creativity for video game ideas

Awards and Memberships

- J R Mitchell Memorial Scholarship ICM
- Undergraduate Student Spotlight
- Botany Undergraduate Scholarship
- Summer Stay Scholars
- CSSAC Scholarship

Other Skills

- Gameplay Programming
- Website hosting
- Website design and development
- Cinematic Scripting
- Level Design
- Event Scripting
- Design Documentation
- World Design
- Data analysis
- Preparing plant hormone samples
- Solar pressure chamber operation
- LI-COR 6800 operation
- Microscopy
- Greenhouse management