Randy J. Modglin Jr.

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WORK EXPERIENCE

Drexel's Entrepreneurial Game Studio   **September. 2023 – March. 2024**
Game Developer   *Philadelphia, PA*
- Collaborated with **Yale's XRPediatrics** team in the design of a VR experience for those in Chemotherapy.
- Playtested games created by incubator teams, providing feedback and indentifying technical concerns.
- Conducted research to identify health considerations for VR development.

Gossamer Games   **March. 2023 – September. 2023**
Game Developer/Project Lead   *Philadelphia, PA*
- Led development of multiple projects in **Unreal Engine** using brand-new **Unreal Engine for Fortnite (UEFN)** software.
    - Over **1,000,000**+ plays within the first year generating just shy of **20,000** dollars in revenue.
- Analyzed market and gameplay trends to design gameplay experiences that would engage players and drive player retention.
- Wrote over **2500**+ lines of **Verse** code and collaborated with other programmers to implement design features.

Gossamer Games   **March. 2022 – September. 2022**
Lead VR Developer   *Philadelphia, PA*
- Led multi-talented team in development of an experimental VR title using latest **Unity** SDKs for **Oculus**.
- Developed Vertical Slices to showcase development progress and technical systems.
- Held meetings with Senior Programmers and Executive Directors to discuss project goals.

Drexel's Entrepreneurial Game Studio   **September. 2021 – March. 2022**
Assisstant Game Developer   *Philadelphia, PA*
- Implemented Microsoft's Playfab API into internal game systems to enable online functionality.
- Delivered company wide meetings to introduce and explain new software.
- Worked with cross-functional teams to test new software implementations.

EDUCATION

Drexel University   **August, 2020 - May, 2025**
BS, Software Engineering   *Philadelphia, PA*
- Member of the Drexel EGS Research Team
- Member of the Philly International Game Developer Association

SKILLS

Programs: Unity, Unreal Engine 5, UEFN, Photoshop, Lightworks, Audacity
Programming Languages: Java, Python, C++, C#, Verse
Business Programs: Microsoft Word, Excel, Powerpoint