Ethan Degen

Programmer

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Linkedin
Portfolio

Career Summary

- A programmer with experience in level, gameplay, system, encounter design, and team management
- Lead groups of up to 20 developers at a time in day-to-day tasks to reach production goals
- Recognized for excellent collaboration and consistently reviewed as a team player who likes challenges and accountability

PROJECTS

17th Aux Mod — *Personal Arma 3 Project*
Lead Developer | 11 2022 - Current

- Leading 3-4 people in the creation and implementation of custom armors, weapons, and vehicles using C++ and custom textures
- Used undocumented libraries in order to access functions needed for custom asset development and implementation

Ghosts of Tabor — *Combat Waffle Studios*
Project Manager | 08 2022 - 12 2022

- Managed 15-20 developers in week long sprints to meet monthly deadlines set by myself, the lead developer, and the CEO
- Assisted in programming tools to streamline map creation using blueprint scripting in Unreal Engine 4.27

B.L.A.S.T. — *Shawnee State Senior Unreal Engine 4 Project*
Lead Engineer |01 2021 - 04 2022

- Worked 16 months as the lead programmer in a PvPvE Arena FPS project of 20 students
- Designed and created levels, game AI, gameplay systems, and gameplay encounters while leading 11 programmers in the creation and implementation of these systems using C++

Custom Game Engine — *2021 Shawnee State Student Project*
Class Project |01 2021 - 04 2021

- Created a game engine from scratch using C++ and the OGRE graphical library
- Highlights were learning how to use Singletons, Object-Oriented Class Structures, Custom Physics, and implementing Python Scripting

EDUCATION

Shawnee State University, Portsmouth, Ohio— *BS Digital Simulation, Gaming Engineering, and Design*

08 2019 - Current

- Transferred in for a challenging Comp. Sci. education

SKILLS

Proficient in C++, C#, C, Python, HTML, and CSS

Experienced with Perforce, Github, Trello, and Shotgrid

Experienced in Unreal Engine 4, Unity, and O3DE (Lumberyard)

Volunteer Work

Volunteered at Lima Veterans Food Pantry

Established and ran Shawnee State House program for students to collaborate on projects

AWARDS

Scouts BSA - Eagle Scout