

IAN HEINZINGER

SOFTWARE | WRITER



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Jacksonville, FL, USA



[Software Portfolio](#) | [Writer Portfolio](#) | [LinkedIn](#)

OVERVIEW

Adept at written and verbal communication, agile and scrum development, high fidelity simulations, and game engines, known for strong work ethic, great rapport, creativity, and positive energy.

EXPERIENCE

Contract Requirement Management

Boeing Assistant Lead for Software | 2024

- Led software documentation and compliance for virtual training.
- Collaborated with systems, customer, and third-party developers to ensure contractual compliance of SDRLs and CDRLs.

Software Engineering

Boeing Unity Programmer | 2021 - 2024

- Interop programming and multi-team development for high-fidelity vehicle maintenance trainers to support training procedures.
- Led build and deployment to the virtual environment lab for testing.
- Collaborated with internal and external stakeholders and achieved a successful delivery of a final build block to the customer.

VR Development

Boeing Unity Programmer | 2021

- Developed immersive and interactive virtual training scenarios to enhance retention of maintenance procedures.

Writer | Director

Independent Animated Short Film | 2020

- Created a show bible for a serial with a full season of episodes.
- Utilized various assets to create a short film in the Unity game engine.
- Achieved university award for visual storytelling.

Game Design

University Unity Programmer | 2019

- Collaborated with artists, and a producer on design and development for a 3D action platformer.
- Specialized in puzzle and trap features and player mechanics.
- Built final level and boss fight.

EDUCATION & AWARDS

Full Sail University

Creative Writing MFA | 2021

- Valedictorian
- Advanced Achievement
- Business of Writing
- Art of Visual Storytelling

Bachelor's Game Design | 2019

- Advanced Achievement
- Project and Portfolio

DAVE School

Alamo City Colleges

SKILLS

Proficiencies

- Agile Framework
- Unity | C#
- Code Review & Correction
- Build Maintenance
- Communication
- Technical Documentation
- Creative Writing

Capabilities

- Unreal | C++ | Python
- Front & Back | CI/CD
- Source Control | GitLab
- Audio/Visual Feedback
- Animation | Lighting
- Performance Optimization
- Adobe Applications
- Security Clearance