

Jarod Quinlisk

Cincinnati, Ohio
jarod.quinlisk@gmail.com

Education

University of Cincinnati

College of Arts and Sciences

GPA: 3.6/4.0

Neuroscience - Neurobiology

University of Cincinnati

GPA: 3.9/4.0

College of Engineering and Applied Sciences

Master of Engineering in Aerospace Engineering

Employment History

Belcan LLC: Engineer

August 2023-Current

- Run fluid simulations using Ansys Fluent to meet customer specifications. Understand and anticipate customer requirements to provide the most accurate results for customer's goals
- Create presentations of findings and report to customers to maintain project timeline and budget
- Communicate with the internal fluids team to ensure the accuracy of results and with team members of other specialties to ensure firm communication of cross-disciplinary issues/concerns

Wright Patterson Air Force Base: Engineering Intern

May 2022-August 2022

- Use NASA-developed code to determine irradiant emissions of hypersonic vehicles
- Create codes to run and organize files of data into extractable format
- Produce conference paper-style deliverables and presentations given to superiors (unpublished)
- Obtained security clearance for civilian-level Department of Defense Common Access Card

Independent Works

Cavern Crawlers

May 2023-December 2023

- Resource collection game designed with linear progression, leveling system, interactive UI's, and player data storage.
- Learned Lua Programming language and Blender 3D modeling
- Perlin noise terrain generation including cave systems and rarity-based resource generation

Battle Blox

December 2023-Current

- Currently in development to become an FPS game with special abilities and destructive maps
- Create and animate Viewmodels using Blender and import them into Roblox
- A variety of weapons each with separate mechanics providing customization to players
- Future works of progression systems, prestige/rebirth systems, and achievements

Relevant Skills

- 3D Blender, Siemens NX
- Programming
 - MATLAB, C, Python, Lua, NASA Codes (LAURA and HARA)

Availability

Full-Time Employment