

NIKKI AREZZA

game designer

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EXPERIENCE

VVV: Volumetric Video in Video Games | VR Experience

GAME DESIGN RESEARCH ASSISTANT (February 2019 - August 2019)

- Developed an experimental **Virtual Reality** game prototype for an ongoing project for **OCAD University** using **Volumetric Video Capture** technology in **Unity**
- Prototyped controller hardware using **Arduino**, and built game and narrative systems

Turtle Soup | Arcade First Person Ability Shooter

GAME DESIGN & AI PROGRAMMING (September 2019 - April 2020)

- Mentored by **Certain Affinity** and had weekly meetings with a Lead Designer from the company
- Worked with a team of 6 using an **agile development** process and focused on AI programming for a boss fight using **Behaviour Trees**

Creeper | FMV Puzzle Horror Game

GAME DESIGN, PROGRAMMING & FILMING (December 2018 - January 2019)

- Released for **Windows & Mac** with over 2000 downloads and featured on **Markiplier's Youtube video** with over 3 million views
- Worked with a team of 3 using Unity, Adobe Premiere Pro, and Adobe After Effects

Protober | 3 Mechanic Prototypes in 3 Weeks

ALL ROLES: GAME DESIGN, PROGRAMMING, ART (October 2018)

- Released publicly as **HTML5 builds** with over 200 total views
- Solo project of 1 week sprints to create small prototypes using Unity, Adobe Photoshop & Illustrator

EDUCATION

Bachelor of Game Design | Sheridan College

SEPTEMBER 2016 - APRIL 2020

- Developed a thesis on how games can encourage **Death Positivity**
- Worked on an 8 month capstone project taking on a design challenge presented by **Certain Affinity**

INTERPERSONAL SKILLS

- Open-Minded & Flexible
- Conflict Mediation
- Team-Oriented
- Initiative & Self-Motivating
- Communication & Empathy
- Organization

DEVELOPMENT SKILLS

- Rapid Prototyping
- Gameplay / Mechanics Design
- C# Programming
- Documentation
- Android Development
- VR Development
- AI Design

SOFTWARE & TOOLS

- Unity
- Visual Studio
- Git / Version Control
- Adobe Creative Suite
- Microsoft Office
- Whimsical
- Figma

CERTIFICATIONS

- Suicide Intervention
- Crisis Prepare Intervention
- Sexual Violence Intervention

HOBBIES

- Cooking & Gardening
- Guitar & Piano
- Fitness & Weightlifting

