

Vittorio Corbo

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EDUCATION

Georgia Institute of Technology, Atlanta, Georgia. || GPA: **3.65** || Graduation: **Spring 2024**

- Candidate for Bachelor of Science in **Computational Media** || Concentrations: AI & Games
- Relevant Coursework: Game Studio Capstone, Game Design, Game AI, Interactive Narrative, Objects & Design, Machine Learning, Data Structures & Algorithms, Intro to Artificial Intelligence, Deep Learning

WORK EXPERIENCE

Castix LLC || Intern Game Programmer || Unity/C#, Trello, Git, C || Remote. May - Aug 2023

- **Ported** and **enhanced** functionality of a multi-Actor **HUD** system for **Medieval Lands** (remake of a old-school **MMORPG**); cleaned the **UI**, **improving** its **code structure** and feature testing for deployment
- Collaborated with other programmers to manage the data sent by the new server infrastructure
- Used the original source code, from a **proprietary C engine**, and ported its functionality into **Unity**

Roblox || Intern Game Designer || Excel, JIRA, Roblox Studio, Git || San Mateo, CA. May - Aug 2022

- Designed **New Levels & Mechanics** for Game Based Assessments, which serve **5000** yearly applicants
- Iterated quickly, building prototypes and using proprietary tools, going from testing to polished product
- Improved robustness and diversity of the hiring testing suite: levels measure creativity & problem solving
- Collaborated alongside Psychologists, Artists, Software Engineers, Producers, and Game Designers

Teaching Assistant || Discrete Math || LaTeX || Georgia Tech. Jan - May 2022

- Taught recitations, resolved student queries by holding bi-weekly office hours, and graded both homeworks and exams; Worked under professor: Ronnie Howard

PROJECTS

The Un-BEATable Game || Solo Indie Developer || GMS2, FL Studio || Apr 2018 - Present

- A **musical bullet-hell** where players want to get shot; bullets take the shape of the musical notes of the music that is playing; centers on the Breaking of the Fourth Wall and talking directly to the player
- **Sole creator** of games: code, design, music, artwork, marketing, story
- Steam: store.steampowered.com/app/1511560/Vittorio_Corbos_UnBEATable_Game/

Grin and Gas || Game Lead || Unity/C#, Trello, FL Studio, Aseprite || Jan 2024

- GSU Global GameJam "**Best Use of Theme**" Winner. Theme: Make Me Laugh. 48 hour timespan.
- Led a group of **5**; built a top down shooter where the player escapes an asylum by using laughing gas
- Submission: <https://globalgamejam.org/games/2024/grin-and-gas-1>

Equinox || Game Lead || Unity/C#, Trello, Git || Georgia Tech. Aug 2023 - Jan 2024

- Lead of a First Person Puzzle Platformer, centered on grappling in 0G to rebuild a wrecked spaceship
- Led a team of **15** art, code, music, & designers as a part of Georgia Tech's GameDev club (**VGDev**)
- Created project deliverables and update reports for **3 week sprints**; Ran bug testing to polish the game
- Itch.io <https://vitoxio.itch.io/equinox> || Github: github.com/vittorio-corbo/Equinox

SEGA Dreamcast Homebrew || Software Developer || C/C++, Git || Georgia Tech. Jan 2022 - May 2023

- Developed small **2D** and **3D** games using DreamSDK, KallistiOS, and **OpenGL**, alongside other students
- Burned and ran games on **original hardware**; project led by professor: Aaron Lanterman
- Documented work done and created comprehensive guides for all workflows for students to follow
- Github: <https://github.com/drock2024/Dreamcast>

Dry || Game Designer || Unreal Engine 5/C++/Blueprints, Trello || Georgia Tech. Aug - Dec 2022

- Survival-horror game where the player has no inventory, only the ability to hold items on both hands.
- Ideated gameplay mechanics, game feel and level design, as a part of **VGDev**, alongside a team of **13**
- Solidified player toolset and interplay between game systems, and determined the monster's behaviour
- Website: gtvgdev.com/games-archive/dry

SKILLS

Coding: Unity/C#, Unreal, GMS2, C/C++, Python, Java, HTML/CSS+Javascript, SQL/PHP, Assembly

Software: Git, JIRA, VSCode, Trello, Microsoft suite, OpenGL, numpy/pandas/pytorch/django, LaTeX, Roblox

Languages: English (native), Spanish (native) || **Citizenships:** US, Italy [EU Citizen], Chile