

Elliot Gong

Game Developer

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EDUCATION

Master of Science (M.S.) in Computer Science
California State University Los Angeles (CSULA) - Los Angeles, CA

Expected December 2026

Bachelor of Science (B.S.) in Game Design and Development, Minor in Communications

Issued May 2024

Rochester Institute of Technology (RIT) - Rochester, NY

GPA: 3.94, Dean's List for 7 semesters

Google UX Design Professional Certificate

Issued February 2024

Coursera

EXPERIENCE

Game Development/Programming Instructor - Code Ninjas

October 2024 - Present

- Instruct children from ages 5 to 14 in game development using object oriented programming concepts.
- Debug assignments to identify bugs and help students advance their creativity, logical thinking, and problem solving skills.
- Attend local schools as an enrichment instructor to introduce students to programming, 3D printing, and other STEM topics.

Web Developer Intern - Changeling VR

January 2024 - May 2024

- Redesigned and programmed four pages of the Changeling VR Project's official website and one of the web minigames to increase user engagement and showcase new details and updates on the game's development status.
- Served as a project manager/team leader for a group of nine developers to maintain internal cohesion and clarity.

3D Modeling and Animation Intern, Freelance 3D Generalist - Great Lakes Gaming

May 2022 - June 2024

- Produced numerous 3D models, textures, and renders to bolster the company's repository of Valorant and League of Legends content.
- Served as a middleman between the CEO, development team, and graphic designers to facilitate communication and collaboration.
- Modified content to increase its versatility for sponsorship promotion, game development, and esports advertising.

PROJECTS

Douglas Experience - Changeling VR Official Website (Professional)

January 2024 - May 2024

Technologies: Visual Studio Code, Javascript, Node.js, PixiJS

- Completed development of one of the web-based minigames that portrays a main character's story.
- Redesigned and updated the main, character, and error pages for the official website of the Changeling VR Project.
- Documented and rewrote numerous scripts/components to improve readability and production efficiency.

PotionWorks (Academic & Personal)

September 2022 - October 2022

Technologies: Unity, Visual Studio 2019

- Worked in a team of 5 to create a 2D casual puzzle game set in the fantasy world of *Ethshar*.
- Designed and programmed core gameplay mechanics, UI, and state machines as a lead game designer and programmer.
- Oversaw group meetings, presentations, and design documents as project manager.

Maze Wars (Academic)

March - May 2022

Technologies: Visual Studio 2019, C++

- Collaborated with a classmate to create a DLL that would perform A* pathfinding on executable "maze" files.
- Produced the base code for the classes and functions. Updated the interface and files when necessary.

SKILLS

Gameplay Programming: Implement gameplay systems/logic, base classes, and player controls.

UI Programming: Develop UI and HUD logic, design graphics for menus and buttons, dynamically update data and visuals.

Languages: C#, C++, Javascript/HTML/CSS, Dart, Lua

Development Tools: Unity, Visual Studio 2019 & Code, Unreal Engine, Roblox Studio, Blender, Maya, Zbrush, Adobe Suite(Photoshop, Substance 3D Painter, Fresco, Animate, After Effects), Flashprint MP, Filezilla, Axure RP, Figma

Other: Game/Level Design, 3D Modeling/Asset Production, Full-stack Development, Digital Illustration, 3D Printing, UX Design

Misc: Leadership, Project Management, Teamwork, Problem Solving, Communication, Customer Service, Teaching

AWARDS

Eagle Scout Award, Boy Scouts of America, 2019