

Rogelio Espinoza

Gameplay Programmer

I'm a programmer with over four years of experience in game development, including educational and VR games. I've implemented gameplay mechanics that shape the player's experience.

CONTACT INFO

PHONE (619) 648 7275
E-MAIL rogelioespinoza@gmail.com
LINKEDIN [linkedin.com/in/rogelioespinoza/](https://www.linkedin.com/in/rogelioespinoza/)
PORTFOLIO www.rogelioespinoza.com
ADDRESS 1053 Luther Ave, San Jose, CA

Projects

Skills

2017

SANTA CLARA,
CALIFORNIA

GAMEPLAY PROGRAMMER

SPELLCASTERS VR | TEAM OF 6

Multiplayer wizard battle VR game for *HTC Vive* made in *Unity3D* using *C#* under supervision of *Against Gravity* (AAA VR company).

- › Worked on the game design with a focus on spell combat.
- › Implemented firing system.
- › Modified the VR gesture recognition plugin to allow for additional customization.

2016 - 2017

SANTA CLARA,
CALIFORNIA

CREATIVE DIRECTOR & GAMEPLAY PROGRAMMER

BROSAURUS WRECKS | TEAM OF 11

VR action game about giant monsters for *HTC Vive* made in *Unreal Engine 4* using *Blueprints*.

- › (Solo) Programmed and designed initial prototype using *Unity* and *C#*.
- › Designed most of game mechanics, enemies, and bosses.
- › Designed and implemented combat system.
- › Defined custom destructible buildings pipeline using *Maya*, *Ninja Dojo*, and *UE4*.
- › Coordinated development, art, and audio teams.
- › Implemented player behavior using *Blueprints*.

2017

SANTA CLARA,
CALIFORNIA

GAME PROGRAMMER

PEBBLE LAKE | TEAM OF 9

VR skipping stone simulator for *HTC Vive* made in *Unity3D* using *C#*.

- › Programmed the day-night cycle.
- › Tested and refined the water splash visual effect implementation.

2016

SANTA CLARA,
CALIFORNIA

GAME DESIGNER

GEOMETRY BATTLE | SOLO

One-Button 2D mobile fighting game made in *Unity3D* using *C#*.

- › Designed and conceptualized core loop for 3 different fighters.
- › Balanced gameplay based on playtesting observations and feedback.

PROGRAMMING LANGUAGES

C++, *C#*, Javascript, Actionscript 3, MySQL, Objective-C, HTML/CSS.

SOFTWARE

Unreal Engine, Unity, Visual Studio, SFML, Game Maker, *Maya*, Photoshop, Illustrator, Animate (Flash), GitHub.

OTHER

Scrum, Web Design, Graphic Design, Animation, 3D Modeling, Video Editing, Audio Editing.

Code samples and other work using these tools can be found on my portfolio at rogelioespinoza.com.

Education

M.S. IN GAMES & PLAYABLE MEDIA

University of California, Santa Cruz
Expected Aug 2017

B.S. IN DIGITAL GRAPHIC DESIGN ENGINEERING

CETYS Universidad, Campus Tijuana
Graduated July 2011

Work Experience

2012 - 2016

TIJUANA,
MEXICO

DEVELOPMENT LEAD / GAME PROGRAMMER

LIA EDUCATIONAL SYSTEMS | TEAM OF 5

Club Lia is educational platform preschool and elementary learning.

- › (2014-2016) Managed and led development, and art teams.
- › Published quarterly updates to platform consistently for four years (i.e. new game, stage, and season themed *UI*).
- › Spearheaded the migration from Flash to HTML5/JS.
- › Worked closely with client to define our quarterly development plan.
- › Designed and programmed games collaborating with educational content experts.
- › Designed web platform architecture based on user experience feedback.
- › Collaborated with art team to define new *UI* look.
- › For our special needs standalone game:
 - › Programmed gameplay and user interface.
 - › Implemented *UI*, animations, and illustrations made by external artist.
 - › Collaborated with external research institute to define the user experience.

References provided upon request.