

Andres Sedano

Generalist Game Programmer

Education

- 2019 - 2020** **Business Management Diploma, BCIT, Canada**
One year advanced diploma in business.
- 2018 - 2019** **Game Design Diploma, Vancouver Film School, Canada**
A one year intensive course where I learned the basics of game design and art with a focus on programming.
- 2012 - 2017** **Bachelors Degree in Computer Science, ITESM, Mexico**
Member of the competitive programming club.
Member of CodeIT, the student association of the computer science program.

Experience

- 2018 - 2019** **Gameplay Programmer**
Resurgence at VFS, team of 5
- *Top Down 2.5D Shoot 'em up for PC.*
 - Built a time rewinding system using a circular buffer.
 - Implemented a state machine and an event system using Scriptable Objects.
 - Created an enemy spawner design tool that allowed our level designer to create multiple waves and reuse them to have different difficulty levels.
 - Created a customizable boss encounter with multiple sets of weapons and options.
 - Sound implementation using Wwise.
- 2018** **General Programmer**
JetRabbit at VFS, team of 4
- *3D 3rd person infinite runner for mobile.*
 - Built an endless runner system with increasing difficulty that allowed us to estimate and adjust for the desired playtime each run.
 - Created a wave designer for our level designer, with options to randomly select from all obstacles for a different experience every time.
 - Implemented a simple responsive UI for the game which made portability to different sized phones or tablets easier.

Other Projects

- 2017** **Side Scroller in OpenGL**
Final project for computer graphics class
- Using Xcode and C++
 - Full Gameplay loop and rendering of 3D models
- 2018** **Lambda to Finite Automata Reduction and Grammar Interpreter**
Final project for computational mathematics
- Developed using Java in a team of 2
 - GUI with Java Swing

Personal Info

Location
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Vancouver, BC

Phone
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E-mail
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Skills

Proficient

- Object oriented programming
- Git
- Perforce
- C#
- Java

Beginner

- C++
- Node.js

Awards

2016
Microsoft Imagine Cup Nationals
Winner

2019-04
Excellence in Code VFS

Languages

English - Proficient
Spanish - Native

Interests

Video games - Love all kind of games and have a special interest in mobile games. My favorite genres are RTS and simulation.

Music - Played the drums in a band back in Mexico.

Tae Kwon Do - Reached black belt.