

Renan Magagnin da Silva

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Education

UFRGS - Federal University of Rio Grande do Sul

B.S. IN COMPUTER SCIENCE

- Anticipated graduation date: Dec. 2021

Porto Alegre, Brazil

Jan. 2017 - PRESENT

Skills

Portuguese native

English fluent

Swift iOS, tvOS and watchOS

Others Python, C/C++

Experience

Apple Developer Academy | PUCRS

IOS DEVELOPER

- Development of apps and games in Swift/Objective-C for iOS, tvOS and watchOS.
- Project management and product development of over 10 different projects using Scrum.
- Usage of Challenge Based Learning.

Porto Alegre, Brazil

Jan. 2017 - Dec. 2018

Mobile Campimetry | CNPq

UNDERGRADUATE RESEARCHER

- Contributed to the development of a low-cost and portable instrument that performs an eye examination.
- Extended the Android application (written in Java) to compensate for a distortion caused by the low-cost lens used.

Porto Alegre, Brazil

Jan. 2020 - Sep. 2020

Published Works

Chrono Division

A BEAUTIFULLY PLEASANT TIME WARPING SHOOT'EM UP GAME FOR IOS.

- Created the concept and developed the Swift code of the game alongside other 3 developers and a designer.
- Built an Entity-Component-System architecture on top of SpriteKit/GameplayKit.

[Youtube](#) [App Store](#)

2018

Beat: A Musical Journey

APPLE'S SWIFT STUDENT CHALLENGE WINNING GAME WHERE YOU CREATE MUSIC BY JUMPING OVER OBSTACLES.

- Developed all of the Swift code and designed the experience and visuals of the game.

[Youtube](#) [GitHub](#) [App Store](#)

2020

Orbs

A WWDC18 SCHOLARSHIP WINNING SWIFT PLAYGROUND WHERE THE PLAYER HAS TO FIGHT OFF WAVES OF ENEMIES.

- Developed all of the Swift code and designed the experience and visuals of the game.

[Youtube](#) [GitHub](#)

2018

Mindblower: The Game

A GAME FOR IPAD WHERE YOU BLOW MINDS, LITERALLY. WWDC19 SCHOLARSHIP WINNING PROJECT.

- Developed all of the Swift code and designed the experience and visuals of the game.
- Wrote an article describing and reflecting on the entire creation process behind the project.

[Medium](#) [Youtube](#) [App Store](#)

2019

Honors & Awards

2020 **Apple's Swift Student Challenge**, One of 350 creative students selected worldwide.

San Jose, USA

2019 **Apple's WWDC Scholarship**, One of 350 creative students selected worldwide.

San Jose, USA

2018 **Apple's WWDC Scholarship**, One of 350 creative students selected worldwide.

San Jose, USA

2018 **Mobile Next**, One of 15 iOS developers selected nationwide for a one-month course at iFood.

São Paulo, Brazil