

Santiago Alvarez

Software Engineer

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pulpobot



Shipped Titles

- **Puppet Kings** - *Timba Games* - Gameplay and Tools Programmer - [PC](#) 12/2017
- **Moana: Rhythm Run** - *Disney Interactive & Cocodrilo Dog Games* - Gameplay and UI Programmer - [iOS](#) 11/2016

Work Experience

- **Software Engineer (Contract), GSN Games** 03/2018 – Present: Remote
 - Support and develop features for the WorldWinner app.
 - Give support to different HTML5 games.
- **Software Engineer, Timba Games** 12/2016 – 03/2018: Onsite
 - Develop gameplay features for multiple work for hire projects.
 - Part of the team who developed *Puppet Kings*.
 - In charge of the design and development of multiple in-house tools.
 - Programmed the behavior of two of the main bosses.
- **Gameplay and UI Programmer, Cocodrilo Dog Games** 08/2016 – 12/2016: Remote
 - Part of the team who developed *Moana: Rhythm Run*.
 - Extended core functionalities to some of the Main Characters' and Enemies' behaviors.
 - Worked on multiple UI functionalities: Main Menu, Scrollable Map and Loading Scenes.
 - Programmed a modular system to create random-loopable levels.
 - Cut, trim and export 2D assets.
 - Optimized most of the images/textures to reduce the app size.
 - This title was featured by Apple.
- **Software Engineer - Game Programmer and Tools Programmer – Rainbow Tree Inc.** 10/2015 – 11/2016: Onsite
 - 50+ published web games for the Web, Android and iOS platforms at the arbolabc.com games portal.
 - Developed different in-house tools to reduce workflow time.
 - Contributed to allow a Multi-Resolution compatibility between different devices and browsers.
 - Evaluated new technologies and summarized the ones that work better for the games and apps to be developed.
- **Gameplay and Unity Editor Tools Programmer (Intern), Cocodrilo Dog Games** 02/2015 – 08/2015: Onsite
 - Programmed an Animations Memory System to support blending and rewinding animations of previous actions.
 - Worked on a Level Editor using the Unity Editor Extension Tools.
 - Part of the team who developed *Beat Boy* - PC – Mac (Steam Greenlight).

Education

- **Bachelor in Software Engineering**, Universidad Nacional de Colombia - January 2010 - May 2016.

Achievements & Certificates

- IELTS Certificate: CEFR Level: C1 (2017), International English Language Testing System.
- Certificate of Completion: C++ Course (2017), SoloLearn - #1051-376462.
- Certificate in Video Games Development - Vivelab at RutaN (2014), Universidad de Medellín and Institución Universitaria Pascual Bravo.
- Certificate in Game Development with Windows & Unity - Microsoft AppUniversity (2014).
- Certificate in Video Game Design, Organization and Evaluation, and Gamification - Universidad Europea - MiriadaX (2014).
- Certificate in Organic Modeling of Characters in Autodesk MAYA - SENA (2014).

Speaker

- Design of an Educational Videogame to Transform Citizens into Agents of Change Considering a Colombian Post-Conflict Scenario - PAAMS 2015.

Tools and Skills

- Unity, C#, Git, Photoshop, Unity Editor Extension, C++, Java, HTML5, Javascript, Phaser, Bash.