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Excerpt

Software Architect and entrepreneur in the field of computer technology: Information and Communication Technologies, Web design and developing Ruby, Python, Massive Voting Systems, Computer Vision, Augmented Reality, 3D.

Published “LToys”, Educative toys with Augmented Reality.
Toys’s website: www.ltoys.co.

Published “Alcanzando las Estrellas”, values based book with Augmented Reality. Book’s website: www.lamedas.com/aestrellas.

Member of Waroz, team ranked in the top 50 teams in the world of ACM-ICPC programming contests finals in Tokyo 2007 and Banff 2008.

I got a 1507 rating in competitions TopCoder Algorithm programming contests as PrOgRaMaKeR.

I got a 1453.07 rating in competitions HackerRank Algorithm programming contests as carlosa_lamedal.

Professional Experience

- November 2008 - February 2010 **Software Engineer** – Smartmatic. Caracas, Venezuela.
Backend Development and product improvements SAES massive voting system. www.smartmatic.com
Used Tools: Java Enterprise, Oracle
- March 2010 - December 2011 **Software Engineer**– UCLA. Barquisimeto Venezuela
Software development and testing for DICORI unit, CUMLAUDE System
Used Tools: PHP, .NET, MySql
- May 2012 - July 2018 **CEO**- LAMEDAS, Barquisimeto Venezuela
Develop products and projects with Augmented Reality and Virtual Reality accessibles to the community and with high Quality.
Working for a Better Tomorrow. www.lamedas.com
Used Tools: PHP, Java, Unity, Android, iOS, Mysql, Joomla CMS, Gimp, 3DsMax
- Julio 2016 - September 2016 **Backend Developer** - ARANEUS C.A, Barquisimeto Venezuela
Backend Developer in Pollinion App using Restful services with PHP-laravel framework.
Used Tools: PHP, laravel, Postgres
- Julio 2017 - July 2018 **Administrative Support** - ACAPMI, Barquisimeto Venezuela
Guiding the organization in administrative process. www.acapmi.com.
- July 2018 - August 2018 **Software Architect**- Aurea Software Inc, Austin USA
Testing of www.MyAlerts.com packages
- May 2014 - Present **Software Architect** - SheynyWorkshop, Barquisimeto Venezuela
Develop customized software boost SheynyWorkshop to the next level.
Guiding the organization in administrative process. www.sheynty.com

Projects and Products

LToys

Start Date December 2015

LToys are toys, t-shirts and cards with augmented reality, made with love and effort for children, full of values for a better tomorrow.

LToys Box 1 Is a small box made especially for children between 3 and 8 years with beautiful cards 3D animated with augmented reality including content as Christmas, Cities, Vowels, Carnival, San Valentin and the alphabet for the child to explore them and make the most of this unique experience.

Technology Used: OpenCVForUnity, Unity.

Available for Android and Windows

Google Play URL: <https://play.google.com/store/apps/details?id=com.Lamedas.LToys&hl=es>

Description: The application interact through the camera and with markers on cards and t-shirts and display AR Animated experiences.

WWW.LTOYS.CO



ChangeCamera



**THIS IS LAMEDAS
AUGMENTED REALITY**

WWW.LTOYS.CO



ChangeCamera



**THIS IS LAMEDAS
AUGMENTED REALITY**

WWW.LTOYS.CO



ChangeCamera



**THIS IS LAMEDAS
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Augmented Reality application of Santo Cristo de la Grita

Start Date August 2015

In August of 2015, with an excellent initiative to promote tourism, in this case the "Religious Tourism" LAMEDAS developed the Augmented Reality Platform for Tachireense Tourism Corporation (Cotatur), with which attendees STAND during the pilgrimage, they can live the experience Augmented Reality, you will see as the Holy Christ Comes Alive! and until they can take a picture with the impressive image of the Holy Christ of La Grita. They may also live the experience by pointing the Logos and Images Cotatur and Santo Cristo, to share their experiences in social media ... a great experience for Tourism and Social Development!

Technology Used: Vuforia, Unity.

Available for Android

Google Play URL: <https://play.google.com/store/apps/details?id=com.Lamedas.Cotatur&hl=es>

Description: The application interact through the camera with markers on images and display AR Animated experiences.

Esto es Realidad Aumentada

www.lamedas.com



Disfrutar
COTACHAK
CORPORACIÓN TACHIRENSE DE TURISMO





Esto es Realidad Aumentada

www.lamedas.com

Augmented Reality Application Children's Museum

Start Date August 2015

Software for Augmented Reality Augmented room Children's Museum, Caracas Venezuela Reality. The first and largest children's museum in South America.

On August 7, 2015 the historically recognized "Children's Museum" of Venezuela in celebration of its 33 anniversary, decided to incorporate as Augmented Reality Tool Next Generation Technology to add unique value to their presentations. Likewise, the Museum creates a Board of Augmented Reality where LAMEDAS was responsible for the design and development of the platform and each of the experiences that live museum visitors, is really amazing to see the applications uses the contribution to education and entertainment that make the Children's Museum now a "Smart Museum" with Augmented Reality experiences, first in Venezuela and one of the very few in the world. They have also designed the characters of the "Children of the Pandillita" collectible Cards Museum where Come to Life !! ... Look for Cards characters at the shop of the Museum, share your photos and experiences on social networks. Also in the Museum shop you will find our book "Reaching for the Stars".

Technology Used: Vuforia, Unity.

Available for Android

Google Play URL: <https://play.google.com/store/apps/details?id=com.Lamedas.MuseoDeLosNinnos>

Description: The application interact through the camera with markers on cards and pictures and display AR Animated experiences.

Esto es Realidad Aumentada

www.lamedas.com

YO 



MUSEO DE LOS NIÑOS

www.lamedas.com

1 Ingresa a la aplicación Museo de los Niños

Pasos para disfrutar la Realidad aumentada en el Museo



Esto es Realidad Aumentada



Descarga la aplicación "Museo de los Niños" (Diponible sólo para Android)



Ingresa a la aplicación



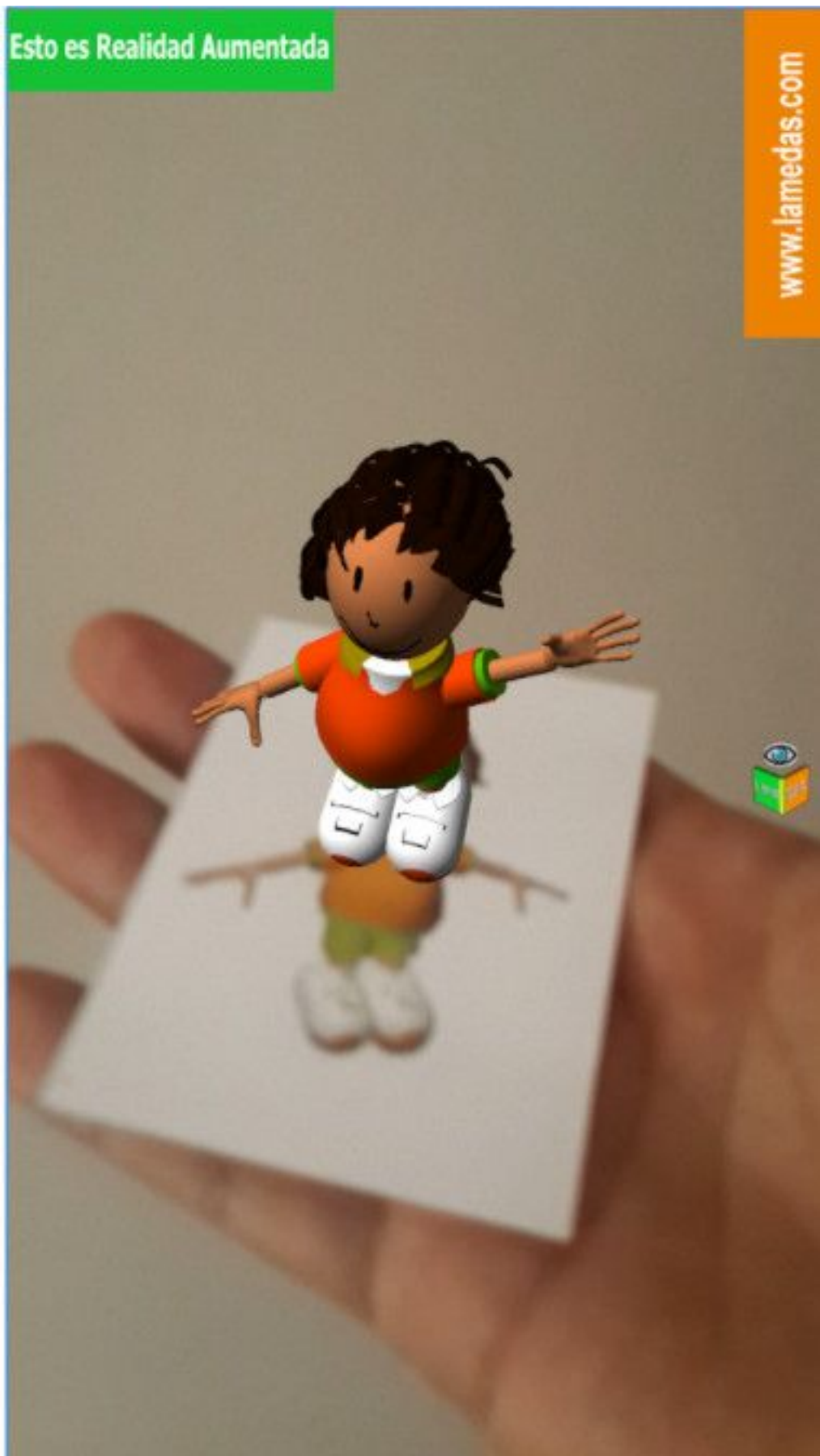
Apunta al material con RA



Disfruta de la Realidad Aumentada

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www.lamedas.com



Magazine "GALA" the newspaper "El Impulso"

Start Date August 2015

The "GALA" Magazine of the newspaper "El Impulso" which is the print medium with greater responsiveness of the region. Make the first Augmented Reality Magazine 100% MADE IN VENEZUELA, in which executives LAMEDAS on the cover and the cover pointing multimedia audio and video displays. Also in the inner part of the magazine there is an Exclusive Interview to LAMEDAS and Augmented Reality where people could point images of the Journal and live the experience !!!

Technology Used: Vuforia, Unity.

Available for Android

Google Play URL: <https://play.google.com/store/apps/details?id=com.Lamedas.Gala&hl=es>

Description: The application interact through the camera with pictures and display AR animated experience.

Esto es Realidad Aumentada

www.lamedas.com



GATA

Hecho en Venezuela

GATA



Descúbrela

Card series Heroes and Villains

Start Date April 2015

Series Heroes and Villains cards Augmented Reality. First cards in Venezuela with this technology.

Technology Used: Vuforia, Unity.

Available only in Venezuela

Description: The application interact through the camera with cards and display AR experience.



Selfie application with the Divina Pastora 2015

Start Date January 2015

Site where the public can take a selfie with the Divine Shepherdess costume 2015 using Augmented Reality

Technology Used: Javascript, Google Chrome.

Description:The application interact through the camera with faces and show Divine Shepherdess.



Book Reaching for the Stars**Start Date** October 2014

First story for children with Augmented Reality in Venezuela

The Book "Reaching for the Stars" is a project dedicated to all the children of the planet, it has a content and wording for little kids, in which each passage is a fantastic story that seeks to leave a great teaching and strengthening personal values such as brotherhood, love for our loved ones, family and the constant struggle against adversity. Also, each history along the book has different images Augmented Reality, when making use of the tablet or smartphone, will be deployed creating an incredible and unforgettable experience.

Technology Used: Vuforia, Unity.**Available for Android****Google Play URL:** <https://play.google.com/store/apps/details?id=com.Lamedas.Aestrellas&hl=es>**Description:** The application interact through the camera with pictures and display AR experience.





