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ABSTRACT

Computer Engineer graduated from the Catholic University of Uruguay.

I consider myself a proactive and a self-taught person, attracted to new challenges and passionate about new technologies.

ACADEMIC STUDIES

Career: Bachelor's Degree

Institution: Catholic University of Uruguay

Period: 2011-2014

Career: University Degree

Institution: Catholic University of Uruguay

Period: 2011-2016

Career: Computer Engineer Degree

Institution: Catholic University of Uruguay

Period: 2011-2017

LANGUAGES



English: PET certificated

JOB EXPERIENCE



Microsoft Student Partner

Aug 2014- Jan 2017

Microsoft student sponsorship to study their latest technologies and share that knowledge among the academic community, for example, arranging courses, giving presentations and initiating projects.

Some of the main technologies used:

- .NET -Unity 3D - Windows Phone - ASP MVC - Windows 8 - Entity Framework - Javascript
- JQuery - Windows Azure



Software Developer

Feb 2015 - Mar 2016

Development of web and mobile applications, mainly focused on Business Process Management solutions, in some projects I performed requirements analysis tasks and team leadership.

Some of the main technologies used:

- Angular JS - Javascript - JQuery - Android - Java EE - JSF - Postgresql - JPA



Full Stack Software Engineer

Mar 2016 - October 2017

Started as a full stack developer, but attracted to frontend development.
At Verifone I had my first opportunity to fully focus on frontend development and take architecture decisions around this area.

Some of the main technologies used:

- Angular JS - Angular - Karma - Protractor - Javascript - JQuery - Node JS - Grunt - Gulp -
Webpack - Yarn - Bower - Docker - Java- JPA - Apache - Oracle – Jenkins



Full Stack Software Engineer

Mar 2017 – Mar 2019

ILDA is a project that seeks to understand and promote the policies and use of open data in Latin America.

At ILDA I wasn't just a developer, I helped build the organization from scratch, starting from its infrastructure, to maintaining its applications, as well as advising them.

Some of the main technologies used:

- Ruby on rails - Postgresql - Angular JS - Angular - Typescript - Javascript - Webpack -
-Jquery - Docker - Travis CI - Windows Azure



Frontend Architect

October 2017 - Present

Team leader and Frontend Architect, at The Appraisal Lane I'm the responsible of taking architecture decisions as well as being the technical reference of this area.

I also lead a team of 6 members focused on a specific piece of the company's product.

Some of my duties are:

- Develop and maintain the web apps of the company.
- Help other members whenever they need.
- Introduce and orientate new members.
- Have One on Ones with each member of the specialization to help them to improve and to be closer to them and their goals.
- Work along with product team to implement new features and plan how to integrate them.

Some of the main technologies used:

-Angular - AngularJS - Webpack - NodeJs - Express - MongoDB - Docker - Travis - AWS -
Protractor- Redux

WORK HISTORY

It all began with the development of mobile apps and static websites to generate extra income while I was studying. However, as a gamer enthusiast the first thing that caught my attention was the development of video games, so in my free times I did some game developer courses, where through events and online meetings I met some people from Microsoft who invited me to be part of the Microsoft Student Program to learn more about the latest Microsoft technologies and to teach that knowledge to other students.

A year later I got my first job at Lithium Software to develop business process management tools, where I discovered my passion about Frontend development as well as I had my first chance to lead an Android project.

Decided to specialize me as a Frontend expert I went to Verifone in March 2016, there they gave me the chance to make design and architecture decisions around the frontend apps of the company.

Determined to continue growing as a Frontend developer I started working in The Appraisal Lane in October 2017, where nowadays I've recently become the technical lead and the architect of this area.

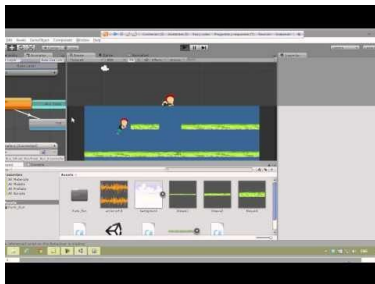
During my stay in Verifone, I also started working at ILDA in my spare time, working for and with other countries of Latin America and helping ILDA to build the organization from a technical point of view, as well as assisting them in the creation and maintenance of applications to promote the use of open data en help the society in the process.

FEATURED PROJECTS



Webinar Unity 3D

Sep 2014



Online event to teach how to develop a video game using Unity 3D.



Workshop Unity 3D

Nov 2014

Event held at the Catholic University of Uruguay, in conjunction with colleagues from Microsoft and Unity. A workshop was held to teach how to make a simple video game using Unity 3D, export it to Windows Phone and Windows and finally publish it in the Microsoft store.



INAC Infractions

Apr 2015 - Dec 2015

Mobile application to register infringements and digitally sign.

This app works as support to the officials of the Quality Management of INAC (National Meat Institute), for the writing of proceedings and preparation of inspection reports.

 [Presuntas Infracciones](#)



Flokzu

Aug 2015- Dec 2015

Workflow management tool to put recurring processes on autopilot.

 flokzu.com



INTEGRADOC

Feb 2015- Feb 2016

System which allows you to model business processes based on electronic documents, automate them without programming and analyze them for improvement. Manage workflows and electronic procedures, integrating documents, processes, to increase the efficiency of an organization.

 integradoc.com



Back-Office Correo Uruguayo

Jan 2016 - Mar 2016

Packet traceability system and office general management.



Degree Project on Artificial Vision

Aug 2015- Aug 2016

This project raises the problem of recognition, monitoring and facial classification in real time according to gender and age ranges.

The typical problems and the most used techniques were studied, analyzing the state of art in image processing, automatic learning and artificial vision, culminating in the preparation of a possible prototype to solve this problem.

 [/mtuduri/caras](https://github.com/mtuduri/caras)



Merchant Portal

Mar 2016- Oct 2017

Application focused on merchants using the Verifone (Weaver) Payment Gateway. The solution provides the tools needed to visualize and manage entire networks of acquirers, terminals and merchant accounts, as well as generate a variety of transaction reports.



HPP (Hosted Payment Page)

Jun 2017- Oct 2017

Electronic payment alternative for non PCI compliance merchants.



RIGA

Mar 2017- Nov 2018

Research Repository on Open Governance (RIGA) seeks to solve problems related to the search for researchers in Spanish, curing and making accessible a variety of resources in the subject.



[/idatosabiertos/Riga](#)



riga.datosabiertos.info



ConDatos & AbreLatam

May 2017- Nov 2018

ConDatos and Abrelatam are conferences that brings together experts from public institutions, the private sector and civil society to present, discuss and propose key issues in open data policy, open government, civic innovation, public challenges, privacy and new ways of working with open data.



[/idatosabiertos/ConDatos](#)



condatos.org & abrelatam.org



ATUSERVICIO

Jun 2017- Aug 2018

System for data visualization of the Integrated National Health System developed by DATA in agreement with the DGSNIS of the Ministry of Public Health with the support of ILDA.



[/idatosabiertos/ATuServicio](#)



atuservicio.uy



RESPIRA

Aug 2017- Oct 2018

Web application showing the current state of air quality in relation to the OMS standard.



[/idatosabiertos/calidad-del-aire-webapp](#)



Retail Widget

Oct 2017- Present

The Retail widget is a web site developed using Angular which has the specialty that it can be easily embedded in other sites, to help consumers submit their cars and get either an estimation of the value of their vehicles or receive a cash offer.



Web TBN

Jan 2018- Present

Website made with Angular, which help us sell all the cars that the company buys between the different dealerships.



Oct 2017- Present

Web application made with AngularJS, is basically the core of the company, tool used to manage all the appraisals that are offered to our consumers and dealerships. Is currently being migrated to Angular.

KNOWLEDGE

- **Programming:**

- C#, -Java, -Java EE, -Python, -GeneXus xEv3, -Unity 3D, -Visual Basic, -C, -C++, -Prolog, -JavaScript, -TypeScript, -Windows Phone, -Android, -HTML5, -CSS, -Less, Saas, -jQuery, -ASP.Net MVC, -MATLAB, -Scilab, -Angular JS, - Angular, -Redux, -Grunt, -Gulp, -Node JS, -Express, -Bootstrap, -Material, -Karma, -Bower, -Yarn, -Ionic, -Ruby, -Webpack, -Protractor, -JSF, -PrimeFaces, -Maven, -RestEasy, -Arquillian, -Apache shiro, - OpenCv, - IBM Cognos, -Pentaho Data Integration, - Docker, -Vagrant, - Gatling

- **Database engines and tools:**

- SQLite, -SQL Server, -MySQL, -PostgreSQL, -Oracle, -Entity Framework, -JPA, -Hibernate

- **Application servers:**

- JBoss, -Wildfly, -Jetty, -Tomcat, -GlassFish, -Apache, -IIS, -NodeJS, -Passenger, Nginx

- **Cloud:**

- Windows Azure, -Heroku, -AWS

- **Repositories:**

- Team Foundation Server, -GitHub, -BitBucket

- **Continuous Integration:**

- Jenkins, -Travis

- **Others:**

- Computer Vision, - Machine learning, - Artificial Intelligence, -Security, -Business Intelligence, -Networking, -Formal Languages, -Statics, -Scrum, -Team leadership