

José María Casanova

Curriculum Vitae

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🌐 <https://nayra.coop>



Education

2008–Present **Bachelor of Computer Science**, *UNGS*, Universidad Nacional de General Sarmiento.

2006–Present **Bachelor of Electronic Arts**, *UNTREF*, Universidad Nacional de Tres de Febrero.
Working in final project on "Spatial Sound Synthesis". Developing a software prototype project for spatial music composition

Technologies Used:
Faust, Pure Data, Python.

Experience

2018–Present **Assistant Professor**, UNTREF, Argentina.
Professor of the university assignment Lab I and Lab IV at the Bachelor of Electronic Arts

Languages used in the subject:
Python, JavaScript, Processing, HTML5, CSS3.

In Nayra

2020–Present **Backend Developer**, NAYRA CMS / NAYRA CLI.
Command line utils for general purpose CMS automated code generation

Technologies Used:
NodeJs, MongoDB.

2018–2019 **Developer**, BETTEREZ, Canada.
Transport and event ticket sales web and mobile app. As part of the engineering team of the Canadian company Betterez, worked in NodeJS using ECMAScript 6, MongoDB/PostgreSQL databases and Redis/Memcached, using TDD methodology. Developed e2e features such as special pricing capabilities, massive CSV resources upload, all in a complex Microservices environment.

Technologies/ Methodologies Used:
NodeJs, MongoDB, PostgreSQL, VueJs, Mocha & Chai, Pair Programming, TDD.

- 2018 **Backend Developer**, CIDEM.
CMS and public web application with a searching engine to look for providers and services offered by UNTREF.
- Technologies Used:
Laravel, MySql, VueJs.
- 2018-2019 **Backend Developer**, COURIER ADMIN, Argentina.
Web based Courier administration platform to manage e2e courier activities business flow. Analysis, development and implementation of features and front-end development based in a React template dashboard, using Parse Server Baas.
- Technologies Used:
NodeJs, MongoDB, some ReactJs.
- 2018 **Developer**, LEXIAS - DIGITAL LITERATURE, Argentina.
Web based literature platform to write and communicate nodes of text, with different combinations and visualizations based on the chosen writing type. Analysis, development and implementation of features.
- Technologies Used:
Laravel 5.3, MongoDB, Docker with Laradock.
- 2018 **Backend Developer**, BE SMART TECHNOLOGY, Argentina.
REST API and web administration platform for manage mobile applications content
- Technologies Used:
Laravel 5.3, MySQL
- 2016-2017 **Backend Developer**, PROPUESTAS Y SERVICIOS PARA CASAMIENTOS, Argentina.
CMS and public web application with a searching engine to look for providers and services for weddings.
- Technologies Used:
Laravel 5.3, MySQL.
- Before Nayra
- 2014-2015 **Teacher**, UNLAM, Argentina.
Web Programming Teacher in the NAC public program in the following places in Argentina: San Miguel de Tucumán (Tucumán), Monteros (Tucumán), Santa María (Catamarca), Formosa (Formosa), San Salvador de Jujuy (Jujuy), Yuto (Jujuy)
- Languages used in the subject:
PHP, HTML5, CSS3, Javascript.

Freelance

2017-2018 **Backend Developer**, MY TIGRE TRIP, Argentina.

Backend for private tour reservation system integrated with Zoho CRM.

Technologies Used:

PHP, Lumen framework, Wordpress, Integration with Zoho CRM, JavaScript.

2014-2016 **Developer**, BIM (BIENAL DE LA IMAGEN EN MOVIMIENTO / CONTINENTE), Argentina.

CMS and public web site for BIM 2014 & 2016 editions. Web site for CONTINENTE

Technologies Used:

Wordpress, Laravel, HTML5, CSS3, JavaScript, jQuery, PHP, MySQL.

2012-2013 **Developer**, BASE VIDEO ARTE, Argentina.

CMS and public web site for academic research team on Latin-American Video Artists.

Technologies Used:

PHP with Silex Framework, MySQL with Doctrine ORM, CSS3, JavaScript, jQuery.

2007–Present **Freelance Music Teacher**, Argentina.

Guitar, Music Theory, Harmony & Improvisation.

Computer skills

Advanced	JavaScript - NodeJS, MongoDB, MySQL, PHP, Laravel, Processing, Pure Data
Intermediate	Python, CSS
Basic	VueJS, React
Learning	Tensor Flow and OpenCV(Python), Faust (Functional Programming Language for Real Time Signal Processing)

Languages

Spanish	Native
English	Intermediate
Portuguese	Intermediate

Interests

- Electronic Art	- Music/Musical instruments
- Teaching	- Literature