

Relevant Work Experience

Freelance Front-end Developer, WordPress Developer and UX Designer

2002 – Present | BA, Argentina

I currently work as a full-time freelancer doing front-end jobs, UX/UI design and custom WordPress development for company websites, creative projects and artistic portfolios. Clients include **ACE Seguros**, **Techint**, **Editorial Momofuku**, **UNTREF** and **The Ministry of Education of Argentina**.

Front-end Developer and Accessibility Lead at Educ.ar S.E.

Mar 2005 – Jul 2017 | TV & ICT Education | BA, Argentina

I worked mainly as a Front-end Developer with some forays into more specialized roles as Web Accessibility Lead and Internet video Specialist. Collaborated with small teams of designers and engineers to implement the institutional websites for **Encuentro Channel** (2012-2016), **Pakapaka Channel** (2015-2021) and the **InfinitoxDescubrir** project (2016)

Creative coding instructor at UNTREF and other institutions

Mar 2008 – Dec 2020 | New Media Arts Education | BA, Argentina

Served as full professor for a workshop on creative coding with web technologies for the Bachelor in Media Arts hosted by the **Tres de Febrero University**. Students were first taught the ins and outs of web development with W3C standards and later encouraged to experiment with new forms of navigation and interaction in special assignments.

Web Designer and Assistant Professor at MECAD / ESDI

Jan 2004 - Dec 2004 | New Media Arts & Design school | BCN, Spain

Worked as a Web Designer on several projects for e-learning, Media Arts festivals and net.art grants. Built and dictated on-line courses for the **MECAD/ESDI/UNESCO** new media arts e-learning platform and tutored students on their MA assignments.

Web Designer and Rich Media Developer at Repsol-YPF

Jul 2002 - Dec 2003 | Oil and gas industry | BA, Argentina

My role shifted from design to development and included several Flash and HTML projects within the company's website and intranets. Also worked building and designing promotional micro-sites (**Guía YPF**), games and catalogs (**YPF Chile**, **Serviclub**), banner ads, e-mail marketing campaigns and newsletters.

Selected Projects

ReactJS literary bot with accessible user experience

Literary bot conceived to explore real-world solutions to common accessibility challenges when building Single Page Applications.

github.com/materreni/autoprotrait

A JS version of $P_n = n!$ (2006) by Iván Marino

Restoration work with ES6, the Media Source API, CSS and the HandBrake CLI for an art installation originally built in Adobe Flash.

github.com/materreni/pn

Skills

Programming Languages

JavaScript (ES6), HTML, CSS/Sass, PHP, SQL

Libraries & Frameworks

React, jQuery, Bootstrap, Laravel

CMS & Tools

WordPress, FFMPEG, Git, Balsamiq, Gulp

Areas of expertise

Accessibility, UX design, Progressive enhancement

Video & Design

Figma, InDesign, Photoshop, After Effects, Canon DSRLs, Sony XDCAM, Premiere, Avid

Education

Bachelor in Multimedia Technology

Universidad Maimónides | 2000/05

Technical High School

Diploma in Printing Technology

Fundación Gutenberg HS | 1994/99

Languages

Spanish

Native speaker

English

Fluent oral and written
Cambridge FCE (B1) and CAE (C1)

Italian

Basic knowledge
Istituto Dante Alighieri (1993/96)