Emiliano Torrano

Computer Engineer

Passionate about Information Technology, I have acquired knowledge and experience in different areas of IT and I am always interested in developing new skills or strengthening those already conceived.

Areas of interest/experience:

- Libre (Free) Software
- Information systems
- Machine Learning
- Geographic Information Systems (GIS)



Contact Information

Email

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Linkedin

https://uy.linkedin.com/in/etorrano

Languages

English

Level: Advanced

First Certificate – University of Cambridge

Italian

Level: Intermediate

Foreign Languages Center (Uruguay)

Skills

Frontend: **angular**, **react**

Backend: **nodejs**, **nestjs**, **python**, **java**, **.net**, **c++**

Machine Learning: **scikit-learn**, **ipython notebook**, **pipeline**, **numpy**, **pandas**, **matplotlib**, **seaborn**

GIS: **leaflet.js**, **openlayers**, **geoserver**

Education

Computer Engineer – Udelar Uruguay

2011 – 2021

Computer Analyst – Udelar Uruguay

2011 - 2015

Tech High School – ITSB Uruguay

2008 - 2010

Experience

Altimetrik (Jun 2017 – Present)

Principal Engineer

Fintech | Frontend Development | Sep 2025 - Present

Implementation of a new Onboarding flow. The web application needed a separate user onboarding dashboard and wizard steps to submit the required information depending on the user profile and role.

Responsibilities: lead, architecture, mentoring, code review, development
Technologies: javascript, typescript, react, MUI, Formik forms, Jest, html, css

Fintech | Architect & Frontend Development | Jul 2023 - Sep 2025

Define the architecture and lead the implementation of a communication templates management application from the Frontend standpoint.
Each communication channel had different templates that were loaded dynamically using defined input control types.
Responsibilities: lead, architecture, mentoring, code review, development
Technologies: javascript, typescript, angular, html, css

Fintech | Backend Development | Feb 2023 - Jun 2023

Discord Bot server using the discord.js module to manage the interaction between a Salesforce Einstein Bot and a Discord client Bot.
A Discord user was able to start a new thread and ask for information about an issue to the Einstein Bot, which first replied with known Knowledge Articles. If the issue was not solved, the user was able to create a new Salesforce Case and follow it in a dedicated Case channel. On that channel the user was able to add comments, close the case or get notified about new comments or if the Case was closed from a Salesforce Org.
Responsibilities: lead, architecture, mentoring, code review, development
Technologies: javascript, typescript, nodejs, discord.js

Frontend Team Lead

Fintech | Frontend Development | Aug 2019 – Aug 2022

Business real time dashboards using Angular.
Other: screenshot Express server and a Virtual Reality Room with Unity.
Responsibilities: lead, mentoring, code review, development
Technologies: javascript, typescript, html, css, angular, nodejs, unity (vr)

Health & Wellness | Frontend Development | Aug 2018 – Jul 2019

Hospital platform using Angular with the following sites: Physicians Portal, Patients Portal and a BackOffice (Admin).
The Patients Portal was developed from scratch using Angular 8 with support for mobile and desktop devices (responsive design).
The Physicians Portal was created with an Angular dashboard template and the Admin site with Angular Material.
Responsibilities: lead, mentoring, code review, development
Technologies: javascript, typescript, html, css, angular

Senior Frontend Developer

HR Tech | Frontend Development | Jun 2017 – Jul 2018

Web platform to manage the interview process (including technical assessments), staff training with online courses, innovation process and reusable programming libraries.
Responsibilities: mentoring, code review, development
Technologies: javascript, typescript, html, css, angular

LKSur (Mar 2012 - Jun 2017)

Software Development

Government | FullStack Development | Jun 2017 – Jul 2018

Development of a Geographic Information System (Routing Application – VRPTW) and a web form to submit urban solid waste declarations using web2py.

Technologies: git, pycharm, web2py, bootstrap, jquery, html, css, nginx, uwsgi, centos, ubuntu, postgres, oracle

System Administrator

- **Technical Support: PC-Notebook**
- **Local Area Network maintenance**
- **Network Administrator**
  - *Windows Server 2008 R2* – Active Directory, DHCP, DNS
  - *Ubuntu Server* - Mail, Web, Authoritative DNS
  - *Synology* - File Server, DNS, Mail (High Availability Cluster)
  - *Webfaction* (Cloud Service/Hosting) - Mail, Authoritative DNS