

Ezequiel Boussard

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Profile

Computer Engineering student with prior technical training in web development and networking. Built tools and sites end-to-end, from reverse engineering binary formats to e-commerce, now seeking a first formal opportunity to bring that foundation to a development team. Based in Montevideo, Uruguay.

Education

Faculty of Engineering, University of the Republic (Universidad de la República)	2026 - Present
Computer Engineering	
Polo Montevideo (UTU)	2023 - 2025
Bilingual Technical High School Diploma in Information Technology - Web Development Technical Assistant	
Unión Informática	2021 - 2024
Professional Computer Technician	

Skills

Languages: English - B2 Level (First Certificate in English, Cambridge), Spanish (native)

Web Development: HTML, CSS, JavaScript, WordPress, WooCommerce, Snipcart, React, SEO/SEM

Programming Languages: Python, Java

Networking and Systems: LAN installation and configuration, Windows/Unix operating systems, hardware maintenance, TCP/IP

Tools: Cisco Packet Tracer, Microsoft Office (Word, Excel, PowerPoint, Teams), Adobe (Photoshop, Illustrator, Premiere), Git, GitHub

Soft Skills: Problem-solving, teamwork, responsibility

Projects

Trenza - Packet Tracer File and Network Capture Viewer (2026) trenza.pages.dev

- Developed a backend-free web viewer in JavaScript, 100% client-side, for Cisco Packet Tracer files and network captures, decoding the .pkt format (Twofish-EAX encryption, zlib decompression) through reverse engineering based on public research.
- Displayed topology, device inventory, and running-config for each device, with a bilingual Spanish/English interface and diagram export to PNG, JPG, SVG, and PDF.

Buzzify - Web Buzzer for Quiz Contests (2025) buzzify.pages.dev

- Developed a quiz buzzer PWA in vanilla JavaScript, with no dependencies or backend, using the Web Audio API for continuous, gapless playback: designed the loop point through signal correlation and a 15 ms crossfade to eliminate the audible click between repetitions.
- Added light and dark themes with the View Transitions API, a bilingual Spanish/English interface, Wake Lock to keep the screen active, and cross-platform audio compatibility with an AAC fallback for Safari.

Corazón del Sur - E-commerce Website (2024) corazondelsur.pages.dev

- Built an online store using WordPress, WooCommerce, and Snipcart, applying SEO and SEM optimization.
- Capstone project for Unión Informática, migrated to a static site hosted on Cloudflare Pages.

Network Design and IP Video Surveillance - Supermarket Simulation (2023) trenza.pages.dev/demo

- Designed a 2-story supermarket network with a teammate, using Cisco Packet Tracer: IP video surveillance with 40 cameras, a redundant wireless network with POS support, and backup connectivity if the primary ISP goes down.
- Prepared the full bill of materials and quote, with Aruba, Mikrotik, and Hikvision equipment and Panduit structured cabling, an estimated budget of USD 22,149, and a 3-week implementation timeline.

Certifications

Introduction to Programming 1, 2, and 3 - Plan Ceibal (2025)

First Certificate in English (FCE) - Cambridge English (2024)

Artificial Intelligence for Productivity - INEFOP (2024)

Introduction to Computer Science - Plan Ceibal (2023)