




COMPUTER SCIENCE STUDENT

JUAN IGNACIO VILLANUEVA

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ABOUT ME

Computer Science student with hands-on experience in Moodle development, UX/UI enhancements, and server optimization. Passionate about building scalable e-learning solutions and improving accessibility.

WORK EXPERIENCE

Moodle Developer (2024 - Present)

Facultad de Ciencias Económicas, UNRC

- Developed 3 custom Moodle plugins, enhancing platform functionality and increasing efficiency for 3000+ students and faculty members.
- Collaborated with faculty members to improve e-learning workflows, reducing workload by automating key processes.
- Developed and customized frontend components for Moodle, enhancing user experience (UX/UI) and accessibility.
- Led the migration of Moodle servers, reducing downtime by 50%, improving security, and handling 2x more concurrent users.

TECHNICAL SKILLS

- Programming Languages: Python, PHP.
- Web Development: HTML, CSS, JavaScript.
- Databases: MySQL, PostgreSQL.
- Version Control: Git, GitHub.
- Infrastructure: Moodle, Docker, Linux Servers.
- Other: Agile Methodologies.

EDUCATION

Universidad Nacional de Río Cuarto (2021 - Present)

- Pursuing a **System Analyst** degree and a **Bachelor's degree in Computer Science** (Expected graduation: 2025).

Languages

- B2 First, Cambridge Assessment English (2021).
- C1 course at Stafford House London, UK (2019).