Fausto Pettinari

fauspettinari@gmail.com

GitHub user: Fausti12

Programming languages: Python, C, C++, Java, Haskell

EDUCATION

UNIVERSITY OF SAN ANDRÉS, ARTIFICIAL INTELLIGENCE ENGINEERING

Mar 2022 - **Dec 2026**

Grade point average: 7.75

TECHNICAL SECONDARY SCHOOL NO. 6, ELECTRONIC TECHNICIAN

Mar 2015 - **Dec 2021**

Grade point average: 9.14

EXPERIENCE

Research Assistant at LITERA (Interdisciplinary Laboratory of Time and Experience of the Argentine Republic)

Mar 2024 - **Present**

Developed machine learning models to predict users' sleep patterns using smartphone usage data extracted from Google Takeout and sleep labels obtained from actimeter data. The project explores passive, device-based sleep tracking as a scalable and low-cost alternative to wearables. Used an XGBoost classifier to predict sleep onset and duration.

LEADERSHIP AND AWARDS

"Juan Bautista Alberdi" Scholarship - University of San Andrés

Highly selective scholarship covering tuition granted to top-performing students from across Argentina to promote geographic and social diversity in higher education.

Collaborator in the Student Orientation Office - University of San Andrés

Mar 2023 - **Dec 2023**
Mar 2025 - **Present**

Provide academic support in introductory programming and mathematics courses to junior students. Assist the office with administrative tasks related to student services and orientation programs.

INTERESTS

Passionate about **team sports**, especially rugby, which I played for 14 years, developing teamwork and discipline. I enjoy maintaining an active and healthy lifestyle.
Interested in **competitive programming** since 2024, having participated in TAP and ICPC Latin America Regional, as well as IEEE Xtreme 2024 at ITBA.

LANGUAGES

- **Spanish** – Native language
- **English** – B2 level (Upper Intermediate)