FLORENCIA CANALE Bioeng.

(+54) 9 2944-519642
floquicanale@hotmail.com
https://floquicanale.github.io/

PROFESIONAL SUMMARY

Bioengineer specialized in **AI, Data Analysis, and Full-Stack Development** for healthcare. Experienced in **Python, C#, React, SQL, and AWS**. Passionate about bioinformatics and clinical software, with a strong focus on technological innovation.

PROJECTS

Medical image viewer, patient-centered system   Jul 2024 - Jul 2025

- Developed a full-stack web application for DICOM image storage, integrated into a Level 3 healthcare center.
- System validated with users (doctors and patients). An average satisfaction score of 4.5 (out of 5 points) was observed.
- **Tools:** C#(.NET), JavaScript, PostgreSQL, React, AWS, Azure, Git.

Apnea Detection with Machine Learning   Mar 2023 - Jul 2023

- Designed a Jupyter Notebook that uses brain waves to detect apnea events in sleeping subjects vía ML.
- Model validated against clinical expert annotations, displayed an 80% accuracy in apnea detection.
- **Tools:** Python, Signal Analysis, Machine Learning.

WORK EXPERIENCE

Data Management and Process Automation Specialist | Mar 2022 - Mar 2024
RPost, US

- Developed automated workflows using Excel, Salesforce and Pardot to organize lead search and sales assignment processes.
- Managed and structured large datasets in Salesforce and Pardot, improving data organization for sales teams
- Documented workflows to ensure efficiency and best practices.
- Prepared dashboards in Salesforce to visualize the impact of lead research projects.

Technical Maintenance Intern | Hospital Austral, Buenos Aires   Mar 2024 - Sep 2024

- Performed preventive maintenance on low- and medium-complexity medical equipment, ensuring compliance.
- Managed the biomedical equipment database, optimizing traceability and regulatory control.
- Collaborated in an interdisciplinary team.

CERTIFICATES AND COURSES

- **Machine Learning Specialization**, DeepLearning.IA   Currently pursuing
- **Nihongo Noryoku Shiken (JLTP) N4**   Currently pursuing
- **First Certificate Exam**, University of Cambridge   2018

SKILLS

Languages: Native Spanish, Fluent English and Basic Japanese.

Programming: `Python`, `C#`, `Java`, `JavaScript`, `TypeScript`.

Frameworks Tools: SQL, React, PyQt5, Unity, AWS, Azure, Power BI, SalesForce.

Other: Git, Machine Learning, Excel, Project Managment, Data Analysis, Problem Solving, Documentation.

EDUCATION

Instituto Tecnológico de Buenos Aires (ITBA)   CABA
Bioengineering   2019 - 2025

- GPA: 3.29