

Daniel P Francisco

Pharmacy student · LAIFT President · AI applied to health and education

Salvador, Bahia, Brazil · dpires292@gmail.com

linkedin.com/in/daniel-pires-farmacia · lattes.cnpq.br/5041510175000740

SUMMARY

Pharmacy undergraduate at UNINASSAU Salvador. His study focus is compounding pharmacy and pharmaceutical technology, and his interests extend to digital health and telepharmacy.

He presides over LAIFT (Interdisciplinary Academic League of Pharmacology and Toxicology), where he leads teams and designs HealthTech teaching solutions to democratize hands-on learning.

He uses generative AI and prompt engineering to structure knowledge. With them, he builds simulators, interactive systems and an integrated learning platform.

He brings prior experience in customer service and operational risk management (NR-20), along with strict execution of standard operating procedures (SOPs): skills that carry over to laboratories and clinical studies.

EXPERIENCE

President · LAIFT · UNINASSAU 2026 – present

Strategic management of the league, leading teams in spreading interdisciplinary knowledge in pharmacology and toxicology. Design and development of HealthTech teaching solutions with AI and digital tools, published on GitHub.

Customer Relationship Specialist I · Atento Brasil 2025 – present

Customer service and relationship management, with active listening and assertive communication.

Fueling Operator and Risk Management · Ferreira Combustíveis 2024

Handling and logistics of flammable and hazardous products, following NR-20, SOPs, supply inventory control and fire and chemical accident protocols.

Seaman · Brazilian Navy · 2nd Naval District Command 2023 – 2024

Strict execution of standard operating procedures, hierarchy, discipline and readiness in a high-complexity environment.

FEATURED PROJECTS

3D Atlas and Pharmacokinetics plataforma-membros

Browser-based 3D anatomy atlas covering the 12 body systems, with structure search, layers, views, isolation, X-ray, cut and labels. Includes Portuguese content sheets, quiz cases linked to structures and a pharmacokinetics module, with editorial review before publication.

Virtual Clinic plataforma-membros

Clinical duty ward with virtual patient beds and OSCE-style simulation. Students take over a case, run the patient interview by chat, order exams and close with a diagnosis and plan. Curated league cases or AI-generated ones, with a randomized patient profile and an epidemiological radar.

Molecular Studio plataforma-membros

2D and 3D molecular viewer with 182 species, search by name, formula or SMILES, drug and reagent filters, molar mass, drug-likeness indicators and atom-by-atom inspection.

Virtual Laboratory plataforma-membros

Virtual synthesis and analysis bench with live temperature, pressure, pH and volume, a catalog of reagents and drugs, pH curve, reaction log and 2D/3D molecular projection. Includes an AI bench preceptor and opens the Molecular Studio.

LAIFT unified platform: community governance (events, proposals with voting, tasks, team, messaging) and the "Learn" ecosystem (pharmacology and toxicology simulators, virtual clinic, laboratory and 3D anatomy atlas), with built-in artificial intelligence. — laift.com.br

EDUCATION

- **Bachelor of Pharmacy (in progress)**, UNINASSAU Salvador (2024 – 2029)
- **High school**, Colégio Estadual José Ribeiro Pamponet (2020 – 2022)

LANGUAGES

- Portuguese: Fluent
- English: Basic

CERTIFICATIONS

- Patient Safety and Quality in Health Services (100 h) (ENAP)
- Total Quality Management (15 h)
- Injectable Administration
- Dangerous Goods Regulations

TECHNICAL OUTPUT AND INNOVATION

- Interactive Pharmacological Assessment and Learning System (Gamified Interface) (2026)
- Interactive Chemical Reaction and Flame Spectroscopy Simulator (2026)
- Structured Database for Curation of Reference Pharmaceutical and Medical Literature (2026)

SKILLS

Generative AI · Prompt engineering · HealthTech · Telepharmacy · Pharmacology · Toxicology · Pharmaceutical technology · Analytical chemistry · Patient safety · SOPs · NR-20 · Quality · Project management · Leadership · Communication · Problem solving