

DE LA FUENTE AXEL

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in axel-dlf

PROFESSIONAL EXPERIENCE

Internship at the Rilland Research Center for Limagrain Europe

Limagrain Europe - PHIRA

📅 July - August 2025 📍 Rilland 4411, Netherlands

Development of a mobile application for monitoring maize flowering.

MAUI .NET C#

Work-study program at the Chappes Research Center for Limagrain

Vilmorin & Cie (Limagrain) - SIS

📅 2024 - 2027 📍 Chappes 63720, France

Developer for scientific research applications created by the Chappes Research Center.

Angular .NET PowerShell SQL

Internship at the Chappes Research Center for Limagrain

Vilmorin & Cie (Limagrain) - SIS

📅 2024 (4 months) 📍 Chappes 63720, France

Assisted in the development of scientific research applications created by the the Chappes Research Center.
Developed the *Business Continuity Plan (BCP)* for the web application of the Chappes Research Center.

Angular .NET PowerShell SQL

Internship at LIARA of UQAC (Canada)

Ambient Intelligence Laboratory for Activity Recognition

📅 2023 (3 months) 📍 UQAC, Chicoutimi, Canada

Using sensors (accelerometer and PPG channels), we investigated which movements and activities could be detected using a smartband: **Polar OH1**.

Python polarpy tsfresh sklearn

UNIVERSITY PROJECTS

Shizima: Shazam-like music recognition app

📅 2025 📍 ISIMA Clermont-Ferrand, France

Full-stack of a music recognition platform including an iOS app (SwiftUI), an ASP.NET Core backend, a web admin panel (Next.js), an audio recognition library in C#, and a CLI client in Go — deployed using Docker and CI/CD pipelines.

ASP .NET Swift Go Next.js

Android application development

📅 2023 📍 UQAC, Chicoutimi, Canada

Development of a mobile application similar to an instant messaging platform. As well as a second mobile app similar to a social network.

Kotlin JetpackCompose XML Javalin

EDUCATION

Engineering degree in Computer Science (work-study program)

📅 2024-2027 📍 ISIMA, Clermont-Ferrand, France

Exchange program at UQAC - Computer Science (7 months)

📅 2023 📍 UQAC, Chicoutimi, Canada

BUT - Computer Science

📅 2021-2024 📍 IUT, Clermont-Ferrand, France

High School – Scientific Baccalauréat

📅 2019-2021 📍 Massillon, Clermont-Ferrand, France

SKILLS

Agile Methods

C & C++ .NET WPF ASP .NET
Shell Swift Java & Kotlin
HTML & CSS & JS & PHP
PostgreSQL & NoSQL Python

REST API

LaTeX & Markdown Git & SVN
Docker Azure

LANGUAGES

French Native
English B2 (TOEIC 840/990)

ACTIVITIES

Playing guitar Cinematography
Sports