

Lucas TIXIER

Software developer & project manager

📍 Virlet, France

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Experience

Test Equipment Developer

SAFRAN Electronics & Defense

Feb 2024 – Present

Montluçon, France

- Team development of test equipment for avionics computers and inertial navigation units
- Development, version control and hardware/software integration of the test chain (bench / software / unit under test)
- Cybersecurity: JTAG module programming, software updates via probe, JTAG link lockdown
- Supplier project follow-up: implementation and validation of new test benches
- Interface between external partners and workshops: fault handling, weekly meetings, interventions

Software Project Manager

CIPAM

Sept 2022 – Feb 2024

Clermont-Ferrand, France

- From customer specifications: estimating development scope, analyzing the existing code, writing specifications
- Development, testing and documentation of the software
- Installation, commissioning and after-sales support for customers

ERP Developer

Digital Process

Feb 2020 – Feb 2021

Aubère, France

- Development and customization of ERP software
- Customer needs analysis, feasibility studies, specifications

IT Support

SAFRAN Electronics & Defense

Jul 2018 – Aug 2018

Montluçon, France

Education

Engineering degree in Electronics – Polytech Paris-Saclay

Polytech Paris-Saclay, Université Paris-Saclay

Sept 2025 – Present

Saclay, France

DUT in Computer Science (Associate Degree)

IUT des Cézeaux

Sept 2016 – Jun 2019

Aubère, France

Scientific Baccalaureate (Computer Science option S-SI)

Lycée Paul Constans

Sept 2013 – Jun 2016

Montluçon, France

Volunteering

Partnerships Officer (BDE)

Bureau des Élèves, Polytech Paris-Saclay

May 2026 – Present

Saclay, France

- Development and follow-up of the student union's partnerships with local businesses

Student Union Treasurer (BDE)

IUT des Cézeaux

Jan 2017 – Jan 2019

Aubère, France

- Active member: decision-making, choice of partnerships, events, budget management

Volunteer at the Laic Association of Virlet

Association Laïque de Virlet

Jan 2015 – Present

Virlet, France

- Active member: meetings and decision-making, event creation

Skills

- **Languages:** French (native), English
- **IT – Languages:** Java / Java-FX, Kotlin (Android), C# / .NET + XAML, Pascal / Delphi, JavaScript, PHP, HTML5, CSS, XML
- **Technologies:** SQL, MariaDB, LabVIEW, user interfaces (UI/UX), agile project management
- **Embedded:** C (embedded), JTAG/SWD debugging, hardware/software integration, electronic test benches

Interests

- Sports: club football (10+ years), basketball, tennis, running
- Retro gaming: emulator development, retro console collection
- PC building: founder of a PC building group
- Music: guitar, festivals and live shows