

Yann Vidamment

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EDUCATION

École Supérieure d'Ingénieurs Léonard de Vinci

Generalist Engineer, Major in Cloud Computing & Cybersecurity

La Défense, Paris

Sept. 2021 – Present

Lycée Sainte Jeanne Élisabeth

General Series, European Section in English, Advanced Mathematics

Paris

Sept. 2018 – June 2021

EXPERIENCE

President of DeVinci Fablab Association

April 2023 – Present

École Supérieure d'Ingénieurs Léonard de Vinci

La Défense, Paris

- Ensuring the sustainability of the association's activities, processes, and management methods (tools, association status)
- Monitoring projects: academic, student, and professional projects with the school's Junior Enterprise association
- Training management: formats, recruitment of trainers within and outside the association
- Treasurer management: budget negotiations, development of relationships with suppliers
- Providing cutting services for the animal facility at Paris-Saclay University

FabManager at Big Data and AI Laboratory

June 2023 – Sept. 2023

Ministry of Defense

Invalides, Paris

- Establishing a Fablab within the Ministry of Defense in the DTPM, a cross-functional department responsible for ministerial performance
- Equipment procurement, installation, setup, and equipment training
- Presenting the space in various formats: conferences, visits, etc.
- Development of a versatile open-source application mentioned in projects section

Project Manager at DeVinci Fablab Association

April 2022 – March 2023

École Supérieure d'Ingénieurs Léonard de Vinci

La Défense, Paris

- Defining specifications for projects in the 2022-2023 academic year
- Recruitment, selection, and project monitoring throughout the year

PROJECTS

TRAVELERS | *Python, FastAPI, git, Dart, Flutter*

Sept. 2022 – Present

- Creating an all-terrain lunar rover as part of a 6 to 8-student association project
- Control of the electronic system of motors, drivers, sensors, and telecommunications
- Development of a control and data visualization application for the rover

FabLab Assistant | *Dart, Python, SQL, FastAPI, git, Docker*

June 2023 – Present

- Creating a cross-platform and versatile application driver for FabLab with Thomas DERUDDER
- User management with data encryption
- Inventory management, machine status, events, forms, etc.

ConsoleAppVisuals | *C#, Bash, git, NuGet, GitHub Packages*

Sept. 2023 – Nov.2023

- Creating an easy-to-use C# library for displaying graphical features in the console (selectors, progress bars, etc.)
- Automation of documentation deployment and testing using GitHub Actions and DocFX
- Publishing the library on GitHub Packages and NuGet with over 2k downloads

TECHNICAL SKILLS

Languages: French (native), English proficient B2-C1 (TOEFL: 587, TOEIC: 890)

Programming Languages: C#, C++, Dart, Python, Bash, SQL

Frameworks: Flutter (GetX), FastAPI, Arduino

Libraries: pandas, NumPy, FastAPI, get, dartz, ConsoleAppVisuals

Development Tools: GitHub, DockerHub, VS Code, Visual Studio, Arduino IDE, XCode, UnityHub

General Software: Notion, Arc, Fusion360, KiCad, Thunderbird, UTM, Office Suite