



CONTACT

Paris
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+33 6 43 07 95 12

SKILLS

Langages



C, C++, Python, Java, Ada,
Shell, VBA, HTML/CSS, PHP,
MySQL

Embedded Systems



microcontrollers, DSP, real
time, embedded architectures,
test benches

Tools and methods



Git, continuous integration,
technical documentation,
testing & validation, Jira,
Confluence, VS Code

ASSETS

- Autonomy
- Teamwork
- Curious
- Adaptability

LANGUAGES

- English, bilingual
- Spanish, good knowledge

INTERESTS

- Triathlon, Climbing
- Sciences, Astronomy
- Software Development

HADRIEN VINAY

SYSTEMS ENGINEER

SUMMARY

Embedded systems engineer with 3+ years of experience in the development, integration, and validation of critical systems in aeronautics, transportation, and secure payment industries.

Rigorous and autonomous, with strong expertise in embedded software and test environments. Highly motivated to pursue a career in space and advanced aerospace technologies.

PROFESSIONAL EXPERIENCES

Multipurpose Technician - Fixed-term

Vélos d'Albret | Arcachon | December 2024 - November 2025

Temporary work that allowed me to manage a bike shop and develop some mechanical skills while settling into my home in Arcachon

Embedded system engineer - CDI



SCALIAN | Paris | January 2020 - September 2022

Mission at Dassault Aviation as a test bench manager

- **Development**, integration and maintenance of **avionics** test benches (DO-178 standards)
- **Developed** and maintained **automated avionics** test scripts in C and Python, improving test coverage and reliability
- Implemented **CI pipelines** and **version control** workflows, improving **test reliability** and **team** collaboration
- Project management and **documentations**

R&D Software Engineer - internship/ CDI



GALITT | Paris | March 2019 - September 2019

- Consulting and services for **secure payment** and transaction systems
- **Open Banking** market research, **development** and integration of **Web Services** tools on Kanest to automate **API** testing

Design Engineer - internship

SETEC ITS | Paris | January 2018 - May 2018



- Mobility projects **architect** combining new technologies and **transport** systems.
- Contributed to the **software** and **hardware** documentation of **next-generation** RATP buses

EDUCATION

ECE PARIS - 2014-2019

Engineering School - Embedded Systems Major

- **Computer Science** and **Electronics** Education
- C, C++, Java, **Web**, Network Programming
- **Microcontrollers**, Digital Signal Processing, **Real-Time** Applications