Valentin Giaufer

back-end/embedded
software engineer from EPITA

As a computer engineer soon to graduate from EPITA, I have specialized in embedded systems and their associated ecosystems. Passionate about prototyping and optimizing my homelab, I apply my technical skills and experience, acquired both at school and in a professional setting, on a daily basis to design, improve, and finalize innovative projects.

CONTACTS:

E-mail:
- valentin.giaufer@gmail.com

Linkedin:
- linkedin.com/in/valentin-giaufer

Web site:
- giaufer.fr

SKILLS:

- VHDL, Python, C, C++, VBA, Java, JavaScript, SQL, K8s RTOS, Git, Jira, Docker, Kicad

- Embedded Software, Devops, PCB design

- Teamwork, Agile, Interpersonal Communication, Time management, Problem-Solving, Adaptability

LANGUAGES:

- French (native language)
- English (Level C1)

INTERESTS:

- CAD / 3D printing / prototyping
- Student ambassador
- Taekwon-do ITF (international competitions)
- hiking and diving

EXPERIENCE

2025: Internship at developWay in Armenia
- Creation of the client's website, including customized modules (reviews, AR, UX optimizations, chatbot) with Agile methodology [Liquid + JS]

2025: Internship at SPIE
- Development of an on-demand deployment tool for business service applications based on templates [Docker + Kubernetes + JS]

2024: IT Consultant (Freelance)
- Deployment of a Nextcloud file storage server over 3 months for SARL Qualialtis [Docker]

2023-2024: Internship at SPIE with Agile methodology
- Development of an interfacing tool allowing communication between Ermeo and SAP ERP [VBA]

2021 - 2025: School project with Agile methodology
- Cloud infrastructure for processing automotive telematics data [Python & Java & JS & Docker & SpringBoot & Nginx]
- Design of a pcb and software developement for an alarm clock [Kicad & C++]
- Compiler for the Tiger language[C++]

2021: Project for SCAH Nice association
- GraiSCAH is a solution to monitor storage, sorting and the management of seeds and exchanges between members [PYTHON]

EDUCATION

SSSE: Security and **S**afety of **E**mbeded **S**ystems, EPITA specialisation | 2023 - today
EPITA: IT engineering school, Toulouse France | 2021-today
Scientific preparatory course: Cannes France | 2019-2021