

Valentin Giauffer

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.giauffer@gmail.com

Linkedin:

- linkedin.com/in/valentin-giauffer

Web site:

- giauffer.fr

SKILLS:

- VHDL, Python, C, C++, VBA, Java, JavaScript, SQL, K8S Rtos, Git, Jira, Docker, Kicad
- Embedded Software, Devops, Pbc design
- Teamwork, Agile, Interpersonal Communication, Time management, Problem-Solving, Adaptability

LANGUAGES:

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

EXPERIENCE

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 developpement for an alarm clock [Kicad & C++]
- Tiger, Tiger language compiler [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 Safety of Embeded Systems, EPITA specialisation | 2023 - today

EPITA: IT engineering school, Toulouse France | 2021-today

Scientific preparatory course: Cannes France | 2019-2021

INTERESTS

CAD / 3D printing / prototyping

Student ambassador

Taekwon-do ITF (international competitions)

hiking and diving