



Gabriel Schell

French general engineering student

Passionate about fighter jets and IT

Mobile: +33.769.183.773
Email: gabriel.schell@2027.icam.fr
Website: pro.gabrielschell.fr

Education and Qualifications **2024-2027 Engineering at Icam Vendée**
Three year Master's Degree Sandwich Course in Mechanical and Electrical, at Mecachrome

2022-2024 BTS Automatic System Design and Production (CRSA) at Icam Vendée
Equivalent to BTEC HND

2021 Baccalauréat, Maths & Physics

Work Experience **Engineering apprentice, Mecachrome, high-precision machining**
(Sablé-sur-Sarthe, France - 2024-2027)
Porsche, Dassault and Safran supplier
Simplify and standardise post-processors for the digital CAD/CAM chain for the various sites
Development of new functionality, tools and code optimisation

Technical internship, ANIOS Laboratoires , medical disinfection

(Sainghin-En-Mélantois, France - June/July 2022)
Drafting documentation for operators
Assembling an industrial packaging machine
Identifying physical computer attack vectors by mapping physical network

Operator internship, CLIX Industries, bonding assembly

(Toulouse, France - juillet 2021)
Fournisseur du CNES
Aluminium and plastic honeycomb cutting
Profile assembly, moving and finishing tables for the food processing industry

Miscellaneous **Professional Softwares & Programming languages - since 2022 :**
Solidworks
Structured Text, Graphcet/SFC, Ladder, Python, Node.JS
Control Expert, TIA Portal
Languages :
English, C1 (Cambridge Certificate)
German, A2

Hobbies **Aeronautics - always:**
Participating in feedback sessions with French Air Force and Navy personnel
Moderating a feedback session with an ALAT (French army light aviation) ATC
Military flight simulation (DCS World, since 2020)
Air traffic control simulation (LotATC, since 2022)
Leader of an international team of 30 people during a 3-month CTF on DCS World
Airshows: Bourget, Lens, Bondes, Toulouse
Aeronautics Initiation Certificate, High Honours (2018)

IT - since 2015:

Self-hosting: Nextcloud, Home Assistant, Pi-Hole, Portainer, ...
ADS-B station (to receive signals from aircraft, providing real-time flight information)
Self-built PC, use and maintenance of servers (including a PowerEdge R720)
Programming tools in Python, Node.js
Building projects (IoT Sensors & Button box) with Arduino and ESP32

References

Laurent FLACELIÈRE:

Mechanical Teacher & Legal Expert
laurent.flaceliere@icam.fr

Alain FORSTER:

CADCAM Technical Coordinator Mecachrome Group
alain.forster@mecachrome.com