

Édouard Maigné

Development · Infrastructure · Cybersecurity · AI

contact@emaigne.fr

06 48 54 56 75

linkedin.com/in/edouard-maigné-3232101b6

emaigne.fr

Dev, networking, security, AI: this versatility gives me a big-picture view, for solutions thought through end to end.

SKILLS

Development

-  Python
-  PHP
-  Django
-  JavaScript
-  SQL · MySQL · PostgreSQL
-  C · C++
-  Node.js
-  React
-  HTML · CSS
-  Astro · TypeScript
-  Automated testing (pytest · Playwright)
-  Arduino · ESP32

Infrastructure & networking

-  Linux
-  Proxmox
-  Docker · Portainer
-  Windows Server · Active Directory · GPO
-  Microsoft 365 · Azure
-  Networking · Wi-Fi · DNS
-  NAS · RAID (Synology DSM)
-  Deployment (alwaysdata · OVH)

Cybersecurity

-  Strong authentication (Authelia · MFA)
-  VPN WireGuard
-  Reverse proxy (Nginx Proxy Manager)
-  Protecting sensitive data
-  User awareness training

Applied AI

-  Claude · Claude Code
-  ChatGPT
-  GitHub Copilot
-  Gemini
-  Steering AI agents
-  Training users on AI
-  Critical review of AI output

Cross-functional

-  Git · GitHub · GitLab
-  Agile methods
-  UML · SysML
-  Teaching and training

EDUCATION

EXPERIENCE

Full-stack engineer — CEA

Sep 2025 – present · Work-study

I contribute to developing and monitoring applications around the Laser Mégajoule.

Founder — Artisan Tech

2025 – present · Founder · Bordeaux & Arcachon Bay, France

Local IT services and custom development for individuals, small businesses and project founders.

- Founded the business and defined its offer.
- Built artisan-tech.fr in Django, live on alwaysdata.

On-site IT support technician — Orange

Aug 2023 – Feb 2026 · Work-study · Nouvelle-Aquitaine, France

On-site IT support for Orange employees, from equipping workstations to training users.

- Led the national cybersecurity ambassadors for my role, a team of about six people.
- Presented to the group's executive management under high pressure.
- Designed and ran many workshops introducing users to AI, in groups of 6 to 8 over 2 to 3 hours.
- Built E.S.A.BELL, a presence-detection and footfall-tracking system.

Department manager — Bricorama

Oct 2020 – Apr 2023 · Permanent contract · Arès, France

Sales, negotiation, department management and training.

Landscaper (work-study) — Jacques Van Cuyck Espaces Verts

Sep 2018 – Aug 2020 · Work-study · Lège-Cap-Ferret, France

Landscape design and build, specifications, deadlines and adapting to each site.

INTERNATIONAL EXPERIENCE

Web developer (international internship) — Extramus

Jun 2026 – Sep 2026 · Internship · Italy

Erasmus+ internship in Italy, designing and shipping Extramus's Alumni platform.

- Framework-free PHP 8 platform, delivered in three months and live at alumni.extramusportal.it.
- Spec- and plan-driven development with supervised, reviewed AI agents.

PROJECTS

Artisan Tech

My IT services and custom development business, and its website, which I designed and put into production myself.

Django · Python · PostgreSQL · alwaysdata

Home infrastructure

A second-hand server turned into a full infrastructure, with virtualisation, containers, redundant storage and secure remote access.

Proxmox · Synology DSM 7 · Docker · Portainer · Homarr · WireGuard · Nginx Proxy Manager · Authelia

Computer science engineering degree (work-study)

Sep 2025 – present · ENSEIRB-MATMECA (Bordeaux INP)

Two-year IT & networks degree (BTS CIEL)

Sep 2023 – Aug 2025 · UIMM Nouvelle-Aquitaine · CFAI Aquitaine

Top of my class

Two-year landscaping degree (BTSA)

Sep 2018 – Aug 2020 · CFPPA de Blanquefort

Scientific baccalaureate, physics & chemistry

Sep 2014 – Aug 2017 · Lycée Nord Bassin

LANGUAGES

English · B2-C1

Spanish · high-school level

INTERESTS

Travel · Improv theatre · Badminton
· Video games & board games · Pop culture

E.S.A.BELL

A need left unanswered, taken over and designed end to end to alert technicians when someone walks into an IT service desk, and to measure footfall, without drilling a single hole.

Python · Arduino · ESP32 · Wi-Fi · SysML

Extramus Alumni

An internal platform connecting Extramus's international interns, past, present and future, shipped during my internship in Italy.

PHP 8 · MySQL · JavaScript · HTML · CSS