

Julien Quenneville

Creative Technology Engineer & App Developer

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EDUCATION

2023 – 2026 (graduated 04/17/2026)	ESILV Paris, Engineering School Master of Science, "Innovation & Creative Technology" Double degree: Ingénierie Numérique — IIM (Digital Design & Web Development School)
2023 – 2026	De Vinci Innovation Center / Institute For Future Technologies "Human Learning" track — Human-Computer Interaction, Software Engineering, Augmented Reality, Computer Vision, Motion Capture
2022 – 2023	IIM — Digital Master Bootcamp UX/UI Design, Motion Design (Adobe Suite), Web Development, Project Management
2020 – 2022	Montalembert Courbevoie — Two-year degree, Operational Business Management (BTS MCO)
2017 – 2020	Montalembert Courbevoie — French Baccalauréat, STMG track (Marketing)

EXPERIENCE

September 2025 – February 2026	Level-1 Technician Intern — Nomios (Boulogne-Billancourt) Level-1 triage and qualification of client security alerts across 8 technologies: Palo Alto, Fortinet, Cisco, ForcePoint, F5, ForceScout, Juniper, DDI/Infoblox
April – August 2024	Embedded Software Engineering Intern — Brain Shell (start-up) - Designed a new sensor module in KiCad and migrated to a more powerful ESP32 board for a connected rugby helmet built to detect concussions - Built an interactive interface (real-time EEG charts, impact tracking, GPS location, blood-oxygen monitoring), first in Flutter then migrated to Rust/Tauri to share code between the web and mobile apps - Ran functional tests and iterated on PCB prototypes through to a validated demo on a display mannequin - Wrote technical documentation and prepared the product presentation for a professional rugby club (Racing 92)
October 2023 – February 2025	Interactive Electromyography Project — De Vinci Innovation Center IFT - Designed a full-body suit combining motion and EMG sensors to detect and help prevent musculoskeletal disorders - Applied to human-computer interaction and physical rehabilitation through video games
January – August 2023	Full-Stack Software & Web Development Intern — RTE (French Electricity Transmission Grid Operator, La Défense) - Built internal software tools for the workstation design engineering team - Stack: Power Apps, VBA, HTML/CSS, JavaScript, SQL, Docker
July – September 2022	Archivist — Notaridge Archive management, data management, and conversion to digital format
December 2020 – June 2021	Sales Consultant Intern — Alice Délice (Adeo Group) Teamwork, customer advice, stock management, product marketing

SKILLS

Programming	Languages: Python, C, C++, C#, Java, Rust, JavaScript, TypeScript, HTML, CSS, SQL, PostgreSQL Frameworks & Engines: React, Vue, Node.js, Three.js, Unity, Unreal Engine Tools: Git, GitHub, Docker, Figma, KiCad, Arduino, OpenSignals, LSL (pylsl), TCP sockets, Tkinter, Linux, UML, MS Visual Studio Libraries & APIs: OpenCV, Torch, Numpy, Pandas, Jupyter, Flask, socket.io
Electronics & Fabrication	Raspberry Pi, Arduino, Matlab, Altium, SolidWorks, 3D Printing, prototyping, soldering (SMD, THT)
Project Management	Effective communication, leadership, adaptability
Multimedia	Adobe Suite, LaTeX, Notion, Teams, Microsoft 365, Slack, Power Apps
Languages	French native, English TOEIC (B2), conversational Japanese and German