Norman ALIÉ

COMPUTER SCIENCE ENGINEERING STUDENT

CONTACT

37 Rue de la Libération
78530 - Jouy-en-Josas
Tel: +33.6.74.87.22.12
Email: mail@normanalie.fr

TOOLS

Web: VueJS, Firebase, Express.js, Node.js, PHP, Flask

Embedded: C, C++, ESP-IDF, Arduino

Databases: MySQL, MongoDB, Redis

General: Git, Docker, Truenas, Figma, KiCad

Sound: Dante, Yamaha, Meyer, L-acoustics, Waves Soundgrid

LINKS

www.github.com/normanalie

www.normanalie.fr

linkedin.com/in/norman-alie

LANGUAGES

French: Native
English: Advanced (C1 -TOEIC)
Deutsch: Elementary (A2)
Chineese: Basic (A1)

COMPÉTENCES

- Autonomous
- Creative
- Curious
- Team worker

INTERESTS

- Photography
- Pilot training (ongoing)
- Conservatory (2012-2018)

EDUCATION

ISTY – Engineering School of the Paris-Saclay Group (2021–2026)
Currently in 2nd year of the engineering cycle (Master's level, 4th year post-high school). Completed a 2-year preparatory cycle in 2023.

Computer Science Training (Since 2016)
Online courses on OpenClassroom
Certificates available at: www.normanalie.fr/mooc

French Baccalauréat – Highest Honors (2021)
Focus on Mathematics, Engineering Sciences, and Computer Science
Lycée Bellepierre (Saint-Denis, Réunion Island)

PROFESSIONAL EXPERIENCE

Web Development Intern – Ets NEAU
Migrated two e-commerce websites from Prestashop 1.6 to Prestashop 8, audited modules and themes, set up test environments, and managed final deployment.

Freelance Developer – SIRET: 90249504300017 (Since 2019)
Specialized in business software development and electronics design (approximately 6 clients per year).

Sound Technician (Since 2018)
Expertise in recording, mixing, and live sound engineering for bands and conferences in demanding, high-pressure environments.

PROJECTS

Onaka (CNRS – Creator)
Feedback-controlled system to manage chlorophyll concentration and reduce variability from ±100% to ±5%.
- Software: Arduino, C++
- Hardware: Arduino, UART, I2C, Modbus, stepper motors

Iceflow (Pedone - Developer)
Web application for tracking ice production (capacity: 10,000 products per day).
- Software: Figma, VueJS, Supabase

Snapcast (Personal – Electronics)
Created a printed circuit board and developed DSP for synchronous multi-room audio playback.
- Software: ESP-IDF, C
- Hardware: ESP32, I2S, KiCad