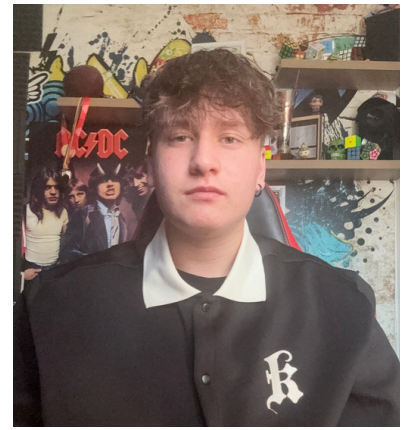


# YANNIS FLORIN IONICA

## STUDENT, ASPIRING COMPUTER & ELECTRONICS ENGINEER

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### SUMMARY

Highly driven 2nd-year Baccalaureate student and aspiring Computer/Electronics Engineer with an exceptional record of balancing academic excellence with elite technical certifications from Harck4u and Google (Data Analytics) (in progress).

My Goal: I am seeking an entry-level position or internship in the technology or service sector where I can apply my analytical mindset, polyglot communication skills (Spanish, Catalan, Romanian, English), and disciplined work ethic. I am committed to leveraging my background in Python, Linux, and hardware integration to contribute to innovative projects while continuing my professional growth.

### SKILLS & LANGUAGES

#### TECHNICAL SKILLS

- Engineering & Design: PCB Layout & Design (KiCad), Additive Manufacturing (3D Printing), CAD Modeling, Circuit Analysis.
- Software Engineering: Python (Advanced), C, SQL, Linux Bash Scripting.
- Digital Transformation: Full-stack Web Architecture, SEO Strategy, Responsive UI/UX.
- Data Intelligence: Statistical Modeling, Data Cleaning, and Predictive Visualization.

#### LANGUAGES

- Spanish, Catalan, Romanian: Native / Bilingual Proficiency.
- English: Advanced level (C1 proficiency / B1 Certified).
- Japanese: Elementary (Self-studying).

#### Soft skills:

- Communication: Developed through daily high-pressure customer interaction in the service industry.
- Teamwork: Proven ability to collaborate in both professional kitchens and competitive sports environments (Basketball).
- Problem-Solving: Logical and tactical thinking honed through Chess and programming.

## EDUCATION

### High School Diploma (Bachillerato) Institut de Camarles– Science & Technology September 2024 - Expected May 2026

- Core Subjects: Business Basics, Mathematics, Physics, and Computer Science.
- Major Research Project: "Smart Mobility Robot". Engineered a vehicle using ESP32 and MIT App Inventor, implementing a command-based movement system.

### Compulsory Secondary Education (ESO) Institut de Camarles | September 2020 - June 2024

### Professional Certifications (Self-Taught)

- Google Data Analytics Professional Certificate – Coursera (in progress)
- Linux Introduction & Personalization – Hack4u Academy

## PROFESSIONAL EXPERIENCE

### Just Alex (Family Business) – Staff & Digital Developer Dec 2025 – Present (Professional Role) | Volunteer since 2022

- **Front-of-House Excellence:** Provide professional waitstaff services, managing order-taking, table service, and customer inquiries with a focus on high-quality dining experiences.
- **Full Digitalization:** Designed and launched the official website of the restaurant to improve online presence and customer reach.
- **Operational & Financial Support:** Manage POS (Point of Sale) transactions with precision and assist in inventory control during high-traffic holiday periods.
- **Versatility:** Transitioned from long-term kitchen volunteering to a professional hybrid role, mastering both back-of-house (food safety, HACCP) and customer-facing operations.
- **Commitment:** Demonstrating extreme discipline by managing 20+ hours of weekly work alongside 2nd-year Baccalaureate and advanced technical certifications.

### Freelance Web Designer Feb 2026 – Present

- **Business Digitalization:** Design and deploy professional websites for local businesses, focusing on SEO optimization and user experience.
- **Full-Stack Implementation:** Manage the entire lifecycle of web projects, from initial client briefing to deployment and maintenance.

## TECHNICAL PROJECTS

- **Advanced Hardware Prototyping (MP3 Project):** Developing a custom audio device using KiCad to master high-density PCB routing and hardware-software synchronization.
- **"JARVIS" Personal AI:** Developing a Python-based assistant for task automation and natural language processing.
- **3D Prototyping & Printing:** Expert use of personal 3D printing for creating functional enclosures and rapid prototyping for engineering components
- **Smart Robot Car:** Hardware-software integration project (ESP32) focusing on wireless communication protocols.

## ADDITIONAL ACTIVITIES & HOBBIES

- **Competitive Speedcubing:** Consistent sub-20 average in 3x3 (Pattern recognition and agility).
- **Athletics & Physical Fitness:** Fitness & Strength Training: Regular gym-based training focusing on physical endurance, discipline, and health.
- **Competitive Sports (Former):** Boxing (regular training) and Basketball (Former Center).
- **Strategy Games:** Active Chess player (900 ELO), focusing on tactical analysis and patience.
- **Community:** Certified reliability in pet care and animal welfare.