



# Yves Roland SEGUI

Master of science Mechatronics and Electrical Engineering

## CONTACT

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<https://nanashi-2k1.github.io/portfolio-Yves-Roland-/>

## Skills

- Electronics and Embedded systems
  - Arduino, RaspBerry, WROOM32
  - Circuit design: Proteus, Kicad
- Industrial Automation
  - PLC: SIEMENS
  - Communication interfaces and network: Profibus, profinet, Modbus, MQTT
- 3D modeling et CNC
  - Fusion 360, Solidworks
- Software development  
Python, C, C#, C++, Matlab, Java

## QUALITIES

- Self-taught
- Leadership
- Adaptability

## Languages

Anglais : B1  
Français : Native

## PROFIL

Graduate in electronics with a strong background in embedded electronic systems and automation. I am passionate about the Internet of Things (IoT) and automated systems. Committed to developing my skills, I am eager to explore the opportunities presented by smart industry.

## Training

September 2024	ESIGELEC Rouen Msc Mechatronics and Electrical Engineering
2020 - 2023 Abidjan – Côte d'Ivoire	Bingerville Polytechnic University Bachelor in Electronics
2020 Abidjan – Côte d'Ivoire	Adventist College of Abidjan Baccalaureate D

## PROFESSIONAL EXPERIENCE

### Trainer 3D printing and IoT

August 2024 Abidjan Côte d'Ivoire	Orange Digital Center Develop a theoretical and practical curriculum for learners to provide them with the basic skills and knowledge in 3D printing and IoT.
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### Automation Intern

	SOLIBRA / Castel group
	<ul style="list-style-type: none"><li>• Elaboration of the procedures for saving automatic and inverter programs</li><li>• Migration of wincc flexible 2008 operator desks to TIA PORTAL</li><li>• Design of an application to monitoring wattmeter parameters using node-red</li></ul>
January 2024 – August 2024 Abidjan – Côte d'Ivoire	

### Project Intern Integrated Systems Developer

	Orange digital Center
	<ul style="list-style-type: none"><li>• Coordination of tasks to meet deadlines in the project as team leader</li><li>• Needs analysis and specification</li><li>• Maintenance of CNC machines</li><li>• 3D Design and Printing</li><li>• Designing of a virtual reality app for Android.</li><li>• Designing design of a Bluetooth encoder to retrieve wheel speed values on the static platform.</li></ul>
May 2023 – January 2024 Abidjan – Côte d'Ivoire	