



PERSONAL INFORMATION

✉ henriquegcorneau@gmail.com

in LinkedIn: /henriquecorneau

Driver's License

Nationality: Brazilian and Italian

LANGUAGES

- Portuguese: Native
- English: Advanced (B2)
- French: Advanced (B2)
- Spanish: Beginner (A2)

AREAS OF INTEREST

- Computer Vision
- Electronics
- Embedded Systems
- Artificial Intelligence
- Robotics

SOFT SKILLS

- Project Management
- Adaptability
- Teamwork
- Leadership

EXTRACURRICULAR

- Surfing
- Volleyball
- Astronomy



Henrique Antônio GUANAIS CORNEAU

Looking for an internship in: **Computer Vision, Robotics, Embedded Systems, and Artificial Intelligence.**

EDUCATION

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY - 4TH YEAR - FRANCE (Génie Informatique et Technologies de l'Information - 4e Année)

INSA Rouen - Normandie
September 2025 - Present

MECHATRONICS ENGINEERING - BRAZIL (Engenharia Mecatrônica)

Universidade Federal do Rio Grande do Norte
March 2022 - Present

HIGH SCHOOL TECHNICAL DEGREE IN BUILDING CONSTRUCTION - BRAZIL (Ensino Médio Técnico em Edificações)

Instituto Federal da Bahia - Campus Barreiras
2018

PROFESSIONAL AND ACADEMIC EXPERIENCE

Development Internship - (2025) - EMBARCATECH/IFRN

Conception and development of products and applications in the area of Embedded Systems and Internet of Things (IoT) for companies, using microcontrollers and various sensors.

Scientific Research (PIBIC) - (2024 - 2025) - UFRN

Development, implementation, and testing of robotic perception techniques for visual navigation applied to an autonomous sailboat.

Drone Conception and Development - (2023 - 2025) - UFRN

Construction and programming of drones developed to perform autonomous tasks, using Computer Vision, Artificial Intelligence techniques, and the ROS system.

Authored and co-authored papers for the projects: COBICET2024, ECOP2025, COBICET2025.

Junior Company Member - (2022) - Include Engenharia/UFRN

Junior Company focused on the development of web and mobile applications in React for corporate clients.

TECHNICAL SKILLS

Programming Languages

(Python, C, C++, Assembly, VHDL)

Embedded Systems

(Arduino, ESP32, Raspberry Pi, Pixhawk, FPGA, Jetson)

CAD Software

(CREO Parametric, SolidWorks, EasyEDA, KiCad)

Operating Systems

(Windows, Linux)

Robot Operating System (ROS)

Video Editing Software

(Vegas Pro, Kdenlive)