

# Kennan IMAZATENE

---

147 avenue des Minimes - 31200 TOULOUSE | 06-62-58-34-28 |  
imazatene.kennan@gmail.com | [Kennan IMAZATENE](#) | [LinkedIn](#)

## Education

### **ENSEEIHT – Toulouse (2025-2028)**

Engineering Program, 1st Year, Specialization: 3EA (Electronics, Electrical Engineering, Automation)

Key Courses: Electronics, Signal Processing, Computer Science, Energy Systems, Applied Mathematics

### **CPGE PCSI/PSI\* – Lycée Chaptal (2023-2025)**

Scientific Preparatory Classes – Mathematics, Physics, Engineering Sciences

### **High School Diploma (Baccalauréat Général) (2023)**

Specializations: Mathematics, Physics-Chemistry

### **American High school diploma (2023)**

Dual Diploma Program – Academica International Studies.

## Skills

**Programming / Software:** Matlab/Simulink, Python, C, Arduino, Raspberry Pi, Jeedom

**Electronics / Energy:** Circuits, Buck/Boost Converters, MPPT (P&O, Incremental Conductance)

**Languages:** French (Native), English (Bilingual), German (Basic)

## Academic Projects

**TIPE (Preparatory Classes):** Optimization of Solar Energy Production via MPPT

- Photovoltaic panel modeling in Matlab
- Implementation of P&O and Incremental Conductance algorithms
- Arduino-based experimental prototype

**Arduino Project (2024):** LED regulation via PWM

## Expériences

**9th Grade Internship – Radar de Bretagne (Brest):** Introduction to the aeronautics and telecommunications environment.

**Student Job:** Company consulting on programming.

## **Interests**

**Aeronautics:** BIA obtained in 2021

**Sports:** Karate, Football, Swimming

**Volunteer Work:** Tutoring high school students in Mathematics and Physics