

Kennan IMAZATENE

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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