

# Axelle ALOÏSI

+33634012621 • Toulouse, France • aaloisi@etud.insa-toulouse.fr/aloisiaxelle@gmail.com

Computer Science – Networks - Telecommunications Engineering Student

## Profile

**Motivated** final year **engineering** student in **Computer Sciences, Networks** and **Telecommunications** specialized in Networks and Telecommunications.

**Fast learner**, skilled in network and routing protocols . Highly interested in **innovative** smart systems, **Internet of Things** and **sensors**. Experienced in collaborating in **international team** environments.

## Work Experience

October 2018-  
January 2019

### Multidisciplinary project : Smart Baby phone for hearing impaired people

Sound detection and discrimination with a sensor ; Light signals emitted by a mobile phone through an application receiving the noise information.

Skills : Sensors, microcontroller, wireless network protocols, application development, project management, team work, innovation

July-September  
2018

### Network Technician Internship - Orange Business Services (Toulouse, France)

After Sales network technician for International Customers . Detecting and fixing network issues due to routing and configuration mistakes ; Coordination with field technician to fix the physical issues on the line or network access devices on customer's sites..

Skills : Routing, network protocols, customer service, problem solving, international collaboration

2017-2018

### Smart building and Structural Health Monitoring project

Comparative study of several Low Power telecommunication protocols : Bluetooth Low Energy(BLE), LoRa, Ultra Wide Band(UWB). Finding the best technology to develop a network of sensors able to monitor the aging process of a structure.

Skills : understanding data sheet, autonomous learning, Low Power networks, team work, taking technical decisions based on requirements and specifications

## Education

2014-Ongoing

### National Institute of Applied Sciences (INSA), Toulouse France

Computer sciences & Networks and Telecommunications

5th year specialization in Innovative Smart System with courses on Sensors, Telecommunication protocols for connected objects, analysis and data processing, innovation.

2016

### Universidad Nacional de RIO CUARTO , Argentina

Semester in an Argentinian university in the Computer Sciences and engineering department

2014

### French High School Diploma in sciences with honours – European English section

Max Linder High School, Libourne (33), France

## Skills and Certifications

✓ Networks : LAN, WAN

✓ Networking and routing protocols

✓ Software and networks Security

✓ Oriented Object Conception/Programming : UML, Java

✓ CISCO CCENT Certification

✓ Mobile networks

✓ Wireless networks

✓ Ada, C, Java

✓ Sensors

## Languages

✓ English : fluent (TOEIC 990/990)

✓ Spanish : fluent (Certificate of Use of Language in Spanish (CELU))

✓ French : Mother tongue

## Extra-Professional Experience

July-August 2015

### Humanitarian mission in India

Building of the second floor of an orphanage in the city of Chennai, Tamil Nadu