



# Nolwenn Madec

ENGINEER STUDENT · TELECOMMUNICATIONS

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born on June 14th, 1996 (22 years old) | driving license holder  
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## Education

### INSA de Lyon (National Institute of Applied Science)

DÉPARTEMENT TÉLÉCOMMUNICATIONS, SERVICES & USAGES (TELECOMMUNICATIONS DEPARTMENT)

Lyon, France

2014 - 2019

- 2016 - 2019 : engineering cycle , Telecommunications speciality. Equivalent of a **Master's Degree in Engineering**.

Four main domains : Informatic, Networking, Transmission Technologies, Humanities.

**Last year specialization** : Robotics and embedded systems, including classes on AI (Artificial Intelligence) and ROS (Robot Operating System)

**Call for bids project** : Project manager for a team of 5 people ; rethink the network architecture of a french region (*3 months*)

**Research project** : Reliable communication at the nanoscale, Matlab simulation of the system (*4 months*)

- 2014 - 2016 : 2-year undergraduate (foundation course in Engineering Sciences leading to Master's program)

Main subjects : Mathematics, Physics, Computer Science, Chemistry, Industrial Design ...

**Mechatronics project** : Small robot design ; Java programming ; team of 8 people (*4 months*)

### Chalmers University of Technology

UNIVERSITY EXCHANGE

Göteborg, Sweden

Aug. 2017 - Jan. 2018

- Subjects studied : Self-stabilizing Algorithm, Distributed Systems, Image Processing, Information Theory

**Distributed Systems project** : implementation of a "blackboard" shared by different clients, Python programming (*2 months*)

### Lycée René Laennec

SCIENTIFIC BACCALAUREATE : A-LEVEL, WITH HONORS

Pont-L'Abbé, France

June 2014

## Skills

**Programming** Java (&Spring), C/C++, Python

**Languages** French (mother tongue)

**Web** Flask, AngularJS, SQL/MongoDB, HTML5/CSS

English (fluent)

**Scientific** LaTex, Matlab, SolidEdge

German (good level)

**Personality** Organized, adaptability, team work

## Experience

### equensWorldline

DEVOPS INTERNSHIP

Lyon, France

April - August 2018

- Digital banking platform development including an OpenID connect server ; Spring Cloud and MySQL.
- Functional specifications writing.

### Caisse d'Épargne

STAND-IN EMPLOYEE IN A BANK

Quimper, France

July 2017 & 2016

- In charge of counter operations. Reception of customers.

### Bombardier

WORKER INTERNSHIP

London, United Kingdom

July 2015

- Work on different stages of trains renovation. Observation of the company organization.

## Volunteering

### @stus (Association of the Telecommunications Department of INSA Lyon)

Lyon, France

Dec 2016 - Dec 2017

TREASURER

- objective of the association: to ensure a good cohesion and communication between the students of the department.
- my role: budget definition for the different activities organized by the @stus

## Extracurricular Activity

**Tennis** 2004 - PRESENT : practice in competition

**Sports in general** Windsurfing, skiing, squash

**Flute** 2006 - PRESENT : regular practice, member of an Irish / British folk band in 2016-2017