

# Lionel ANDRIEU



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## Skills

Computing languages: C/C++, Java, VHDL, HTML, PHP, XML, JavaScript

Industrial Software: Android Studio, Matlab, Eclipse, Code Blocks, Geany, Atom, Visual Studio

Operating System: Windows, Linux

Project: Git, SVN, Gantt Project, BitBucket, Trello

## Work experience and projects

June 17 - November 17  
6 months

### Internship – Front End Developer - in Progress

**Option Way – [www.optionway.com](http://www.optionway.com)**

*Nice, France*

#### Missions:

- Travel agency, selling flight tickets
- Developed the Front end of the new website
- Integrated a RESTful API
- Resources: Ember JS, HTML, JavaScript, AJAX, CSS
- New website expected in October 2017

From July 17

### Personal Project – NMDb – in Progress

**Web Application – <https://andrieu.herokuapp.com>**

*Nice, France*

#### Missions:

- Developed a web application with Angular 4 and a database
- Website base on IMDb, this website is a movie database, allows people to add a movie to the database, to rate or like a movie, to add content to the movies page, to post comments ...
- Resources: Node JS, Angular 4, Express, Mongo DB
- APIs used: Google Maps Geocoding, Google Maps, OMDb and TMDb

September 16 - April 17  
8 months

### Project – Fitwise (5 people)

**University of Western Ontario**

*London, Canada*

#### Missions:

- Created an Android application, to help people get information about gym equipment
- Created the Software requirements specification
- Implemented associated server, and developed android application and web portal
- User interface design
- Ressources: Java, XML, Node JS, MongoDB
- Used the open source Xzing to scan QR code

January - April 17  
4 months

### Project – Web Application

**University of Western Ontario**

*London, Canada*

#### Missions:

- Web application, single page
- Help players to connect with other players who share your play style, platforms and games.
- Create a REST API
- Resources: Node JS, Angular 2, Express, Mongo DB

September - December 15  
4 months

## Project – Pokémon: Fight mode (2 people)

ENSEA

Option C++

Paris, France

### Missions:

- Purpose: Created the fight mode of Pokémon game with a graphic interface
- Running on PC
- Programmed in C++ with the graphic library SFML

## Formations

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September 16 – April 17  
8 months  
[www.uwo.ca](http://www.uwo.ca)

### Master (Master I & II)

University of Western Ontario

London, Canada

Specialization: Computer Science

Academic exchange

September 15 – April 17  
20 months

ENSEA, Graduate School in Engineering

Paris, France

Specialization: Computer Science, Options: C++, Internet and multimedia compression

Master of Engineering degree expected in November 17

September 14 – June 15  
10 months  
[www.ensea.fr](http://www.ensea.fr)

### Bachelor

ENSEA, Graduate School in Engineering

Paris, France

Courses: math, electronic and computer science

September 13 – June 14  
10 months  
<http://deodat.entmip.fr/>

### Preparation course

Lycée Déodat de Severac

Toulouse, France

One year intensive preparation course for the competitive entrance exams to top universities and private school in France ("Grandes Ecoles")

September 11 – June 13  
2 years  
<http://www.univ-tlse3.fr/>

### Associate's degree

University Paul Sabatier

Toulouse, France

Two years technical diploma in IT with an option in electronics

## Languages

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French: Fluent

English: Advanced TOEIC 895

## Sport

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Fencing: 8 years, competition

Badminton: 2 years

Ski: (2 weeks a year)