

# Application for an IT internship

2 - 3 months from June 1, 2020



**Ambre LAMOUCHE**

21 years

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## computer skills

**Office:** Pack office, pack

Microsoft, Linux, LaTeX

**Modelization :** UML

**Software :**

Java, C++, C, Python, Scheme,

OracleSQL, OpenGL, MySQL

**Web :**

HTML5, CSS3, PHP 7, Javascript

Three.js

## Center of interest

**Theater**

Member of the company

"Mandrager" participation in

festivals and theatrical

performances from 2006 to 2016.

**Game Jam :**

EduGameJam 2019: "L'oeil de

Jean" 4th place

## Diploma

2019 - C2i level 1

2016 – Baccalaureate S Mention

B

## Langues

French, English, Spanish

## Education

2019- in progress

**License 3 Coursus Master Engineering - Computer Science**

*University of Montpellier*

➤ Study of preferences in the expression of quantification

- Supervised research work over 1 year

2017-2019

**License 1 & 2 in Coursus Master Engineering -Informatics**

*University of Montpellier*

➤ Visualization of Mandelbrot Fractals

- 3-month programming project
- Realization of a Mandelbrot Fractal representation software in C ++ and Opengl

2016-2017

**1st year of Preparatory Class in Physics Chemistry and Engineering**

*Joffre High School, Montpellier*

2016

**Bachelor of Science Mathematics Honours**

*Jean Monnet High School, Montpellier*

## IT experience

2019 August

**Initiation to research internship: Artificial Intelligence**

*Centre International de Mathématiques et Informatique (CIMI), Toulouse*

➤ Learning Artificial Intelligence techniques.

➤ Understanding of societal challenges and ethical risks

2019 June (2 months)

**Research internship**

*Laboratoire d'Informatique, de Robotique et de Microélectronique de Montpellier*

➤ Synthesis bibliography on all the projects of "immersive annalytics"

➤ Development and implementation of a VR visualization program (Occulus GO).

2016 August

**Research initiation internship: Security**

*Centre International de Mathématiques et Informatique (CIMI), Toulouse*

➤ Learning the basics of computer security and cryptography

2015 april

**Ateliers et 2 camps d'informatique**

*Epitech, Montpellier*

➤ Discovering and learning code through video games

2014

**MathC2 + initiation to research mathematical sciences and computer science**

*University of Montpellier*

➤ Discovery of bioinformatics, programming: introduction to the Python language, use of Arduino

## Other experiences

2018 August (1 month)

**Administrative assistant**

*Crédit Foncier, Charenton-Le-Pont (94)*

➤ Updating the records of the Implementation service

➤ Constitution of requests for expertise

2018 June

**Teaching internship in an application school**

*Charles Daviler School Montpellier*

➤ Technical assistance and support for teachers

➤ Implementation of computer art

## Association and Volunteering

2019

**Treasurer of the association «Hello World»**

➤ Participation in the organization of the 2019 festisciences

➤ Financial management of the association

➤ Realization of a project on deepLearning (creation of the "Threat" machine)

February 19, 2019

**Open House Volunteer**

➤ Welcoming students at the IT department stand and presenting the university course