

# JULIEN GUINOT

## ENGINEERING STUDENT

23 cours de la liberté, Lyon

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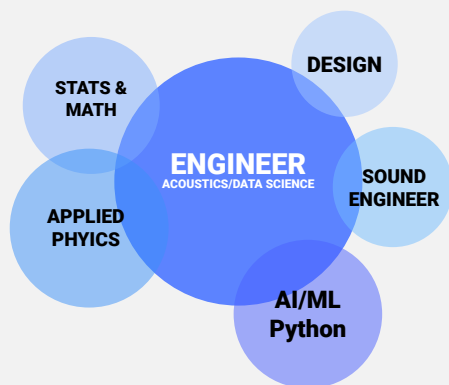
Julien Guinot

github.com/Pliploop

## About me

I'm an engineering student with a vivid interest in music, data science and dev. I'm looking for a 5-6 month internship in the domains of data science and dev, possibly applied to the music industry and music information retrieval.

## Skills



## Tech Stack

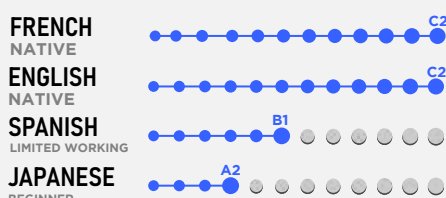
### PROFICIENT

- PYTHON, SQL, CSS
- KERAS, TENSORFLOW, PYTORCH
- GIT, JIRA
- ADOBE SUITE
- FL STUDIO, ABLETON

### TRANSITORY

- C++, JAVASCRIPT
- JENKINS, AZURE CLOUD, AWS

## Languages



LOOKING FOR A 6 MONTH END OF STUDY INTERNSHIP  
IN THE DOMAINS OF DATA SCIENCE, MACHINE LEARN-  
ING, MUSIC INFORMATION RETRIEVAL.

## RELEVANT EXPERIENCE

### ARTEFACT

March 2021 - August 2021



### DATA NEW ROAD

October 2020 - February 2021

### IRCAM

March 2020 - July 2020

### DECIBELS

September 2019 - Feb. 2020

### COMMUZ'

December 2018 - Feb. 2020

### LMFA - Centrale Lyon

September 2019 - January 2020

### LIRIS

November 2018 - May 2019

## EDUCATION

### ECOLE CENTRALE LYON

2018 - 2022

### UNIVERSITY OF ADELAIDE

2018 - 2022



### STANFORD

July - August 2020

### DATA SCIENTIST INTERNSHIP

- Created a Streamlit for bulk labeling NLP datasets
- Worked on a team for ENGIE towards caller sentiment analysis through speech-to-text pipeline

### DATA SCIENTIST INTERNSHIP

Implemented state of the art machine learning algorithms towards real-time prediction of accidentology, short term prediction of traffic state.

### RESEARCH INTERNSHIP - MUSICAL ACOUSTICS

Conducted research towards active control of the first vibrational modes of a cello strings.

### PRESIDENT

Managed and presided over a 16-member event-organizing and sound engineering student society, supervizing organisation of 2000-large audience events.

### COMMUNITY MANAGER

Media creation and social media marketing for a semi-professional student-produces musical with 2000 spectators.

### SOUND ENGINEER

Two year mandate as a sound engineer for this same musical with a 43000 euro sound equipment treasury pool.

### RESEARCH PROJECT-ACOUSTIC DIODE

### SOUND EQUIPMENT RENTAL WEBSITE PROJECT

### MSC ENGINEERING

- Elective classes in object-oriented Python, C++
- Elective class in musical acoustics, signal processing
- Classes in statistics, ML, management and econ

### MSC ENGINEERING

- Data science minor: Deep learning, Applied ML
- Stock prediction RNN
- Spectrogram computer vision vocal classification

### ONLINE CLASS - MACHINE LEARNING

- Neural Networks, SVM, Algorithms
- Anomaly detection, recommenders, K-means
- Notions of NLP, computer vision

## HOBBIES AND INTERESTS



- National-level swimmer
- ECL Swim Team (Coach)
- ECL Volleyball (Captain)



- Self-taught guitarist and bassist
- Self-taught pianist
- DJ and producer