

# LAFOUASSE VINCENT



Budding Audio Software Engineer

## Email

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## Mobile

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## Linkedin

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## Github

@vincent-lafouasse

## Langue

French, English (C2)

## SKILLS



C, C++, Linux

$h[n]$

Maths, Physics



Music production

## INTERESTS

Guitar, Bass, Trumpet  
Jazz harmony  
UK electronic music  
Breadmaking

## EDUCATION



**42 @42 Paris**

A unique take on Software Engineering  
2023 -Now



**MSc MOCHI @École Polytechnique**

Molecular chemistry at the highest level  
2020 - 2022



**BSc SdM @École Normale Supérieure de Lyon**

Élève normalien, Physics and Chemistry  
2015 - 2017



**PCSI/PC\* @Lycée Henri IV**

Strong undergrad in Maths, Physics and Chem  
2013 - 2015

## PROJECTS

### PossDSP

A collection of audio plugins brought to life by the JUCE framework

Contains: PossGain

### PossWavSynth

An exploration of wavetable synthesis, DSP, and the wav audio format disguised as a non real-time synth using only standard C++17

### IntervalTrainer

An ear trainer in Rust featuring a rudimentary synth

## CERTIFICATIONS



**Digital Signal Processing @EPFL @coursera**

DSP Specialization 1/4

4 months on DFT and DTFT, LTI filtering,  
interpolation/sampling, multirate processing, etc  
nov 2023



**C++ Programming Essentials @IBM @edx**

Professional Certificate Program 3/3

5 month on OOP, templates, data structures and algorithms  
nov 2023

**BULATS** - English C2