Clément Sanh

(+33) 6 95 70 46 53

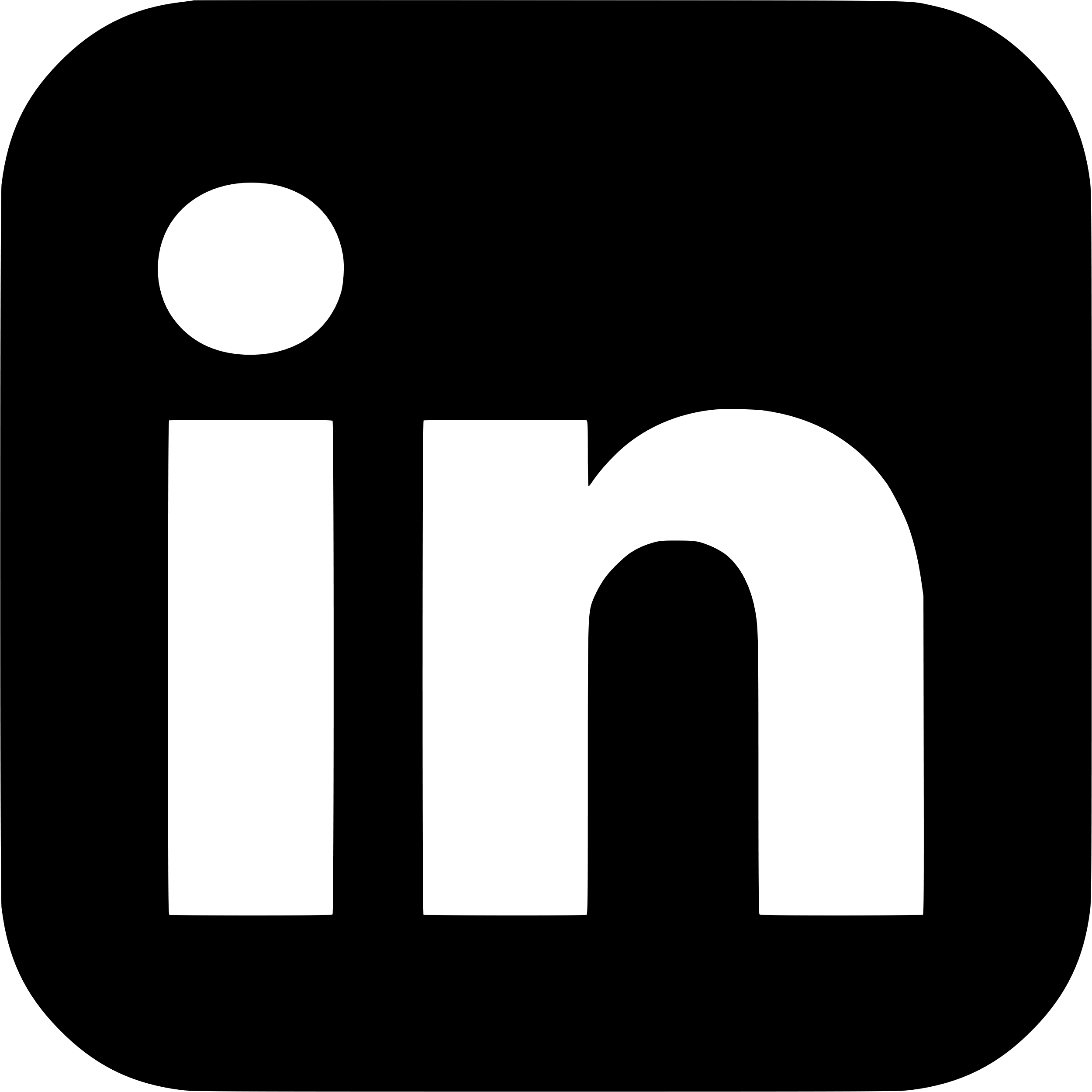
Paris, FR/Lausanne, CH

<https://github.com/Clementee>

[sanhclement@gmail.com](mailto:sanhclement@gmail.com)

Second year student in BSc Comm. Systems

<https://clementee.github.io/>



<https://www.linkedin.com/in/cl%C3%A9ment->sanh-1410

Looking for an internship in “ajouter type de stage recherché”

Education

**BSc in Communication Systems**

EPFL [🔗](https://www.epfl.ch/en/) *Lausanne, CH*

*09/2019 – (expected end) 07/2022*

Acquired solid knowledge in Analysis, Algebra and Physics

Completed **group** projects of hardware programming : a digit counter and a coffee machine[🔗](https://github.com/Clementee/coffee-machine) in **VHDL** + a game of life[🔗](https://github.com/Clementee/GameOfLifeGOL) in **Assembly on a Field-Programmable Gate Array (FPGA)**

Achieved programming projects in groups using **Java + JavaFX** : a QR code generator[🔗](https://github.com/Clementee/QRCodes), a RPG video game[🔗](https://github.com/Clementee/ZeldIC) and an interactive and evolutive astronomic visualization software[🔗](https://github.com/Clementee/Rigel) in **teams of 2**.

Experience using **NumPy and Python** following the course of introduction to Machine Learning

Wrapped up the Functional Programming course using **Scala 2 and 3.** System Oriented Programming also done, using **C**.

**Baccalauréat S British OIB**

*2016 – 2019 Noisy-le-Grand, FR*

Diploma with **Honours** certified by Cambridge International plus the French and British governments.

Achievements

**Lauz’hack 2019** [🔗](https://lauzhack.com/)

Participation to the 2019 special COVID-19 edition of **Lauz’hack,** Lausanne’s hackathon. Submission of a software applying an algorithm to find the best match between patient demand and Hospitals’ available capacities.

**ILYMUN, FIMUN, ISYMUN**

Participation as speaker to multiple MUNs (conferences mimicking the United Nations, gathering hundreds of students, debating around practical solutions to current socio-political issues), including **ILYMUN** [🔗](https://ilymun.org/), the biggest French conference taking place in Lyon.

**Mathematical contests**

Ended up **98th/~30,000** in a French national mathematical contest of enigmas in 2016. Participation to other National mathematical contests including the **”Concours Général”** of mathematics [🔗](https://en.wikipedia.org/wiki/Concours_g%C3%A9n%C3%A9ral)

Organizations

**MUN (Model of United Nations) EPFL** 2019-2020

Member

* Helping to organize weekly sessions of MUN debates for **50+** members : debate sessions and topics’ choice

**Club MUN, High School** 2017-2019

Co-President/Secretary General

* Lead weekly MUN debates for **40+** members : reserving rooms, choice of topics + teaching rudiments of public speaking.
* Officiated as **Secretary-General**, supervising the several teams involved in the organization of ISYMUN 2019.
* Designed the **website** of the conference as a communication vector.

Technical skills

**Imperative Programming :**

* Java, Python, C++, JavaScript

**Functional Programming :**

* Scala 2, Scala 3 (beta testing)

**Object-Oriented Programming :**

* Java/JavaFX, Python, C

**Operating Systems :**

* Linux, Unix, Windows OS

**Software :**

* GitHub, GitLab, Gimp/Photoshop, Microsoft Suite, JetBrains software, VirtualBox, Git Bash

**Hardware Programming :**

* Assembly, Nios II, VHDL

**System Oriented Programming :**

* C

**Web Design :**

* HTML, CSS

Languages

Mandarin

Chinese

Spanish

English

French