

# Florian Hamel



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<https://florianhamel.github.io>

## SKILLS

- **Python**
  - PyQt5 - G.U.I library
  - OpenPyXL - Macros Excel
  - Pandas, SKLearn, Matplotlib - Data
- **HTML5, CSS3 & JavaScript**
  - JQuery - Dynamic Front
- **C & C++**
- **Git**
- **Docker**

## LANGUAGES

- **French:** native language
- **English:** 895/990 TOEIC
- **Spanish:** basic level

## ACHIEVEMENTS

- **Co-created Synergie:**  
An event focused association that helped student associations to organise all types of events
- **#2 out of 100 Hackathon:**  
I pitched for my team and finished 2nd at a hackathon organised by EDHEC

## INTERESTS

Running



Swimming



Behavioural  
Science



Artificial  
Intelligence

## Freelance - 42 Paris Student

### EDUCATION

2019  
2021

#### 42 Paris - Student

- Learning how to solve problems fast and efficiently
- Projects pedagogy: teamwork, fast adaptation to new topics, technical skills development
- Git for all the projects we work on
- Project examples:
  - Ray Tracer: a vectorial process that makes a realistic projection of a mathematically modeled 3D scene in 2D
  - libft, ft\_printf: recoding about 50 functions of the libc including printf in order to consolidate basis

On  
going

#### Self-education

- Side projects examples:
  - Deep Learning : A.I. that plays Connect4 with Monte-Carlo method on an interactive G.U.I
  - PyQt5: G.U.I for a software that I also developed for a learner to practice Japanese conjugation locally
  - Machine Learning: a prediction algorithm with Pandas and SKLearn to help me optimise my sleep thanks to a database I built from an encephalogram
  - Q-Learning: G.U.I to watch a mouse learn to find a path to food through traps after thousands of iterations.

2017  
2018

#### EDHEC Business School

- Economics, Marketing & Management
- Team projects: business games & oral presentations

2014  
2017

#### Classes Préparatoires aux Grandes Écoles - ECS & D2 ENS Cachan

- Mathematics, Economics, Geopolitics, English, Spanish & Philosophy

### EXPERIENCE

2018

#### Admisseeur EDHEC Business School

- Organisation of the welcoming of the admissible students for EDHEC

2017  
2018

#### HelloWorld!EDHEC - Association

- Web Development (HTML5, CSS3, JavaScript)
- Co-responsibility of the communication of the association
- Organisation of the HelloNexenChampionship, a +200 players LAN (local network video games competition)