



# Loïc Dubard

Engineer student

Born the 07/09/1998 (21 yo)

61, Bd, de l'Yerres, ap, A206  
91000, Evry, France

+262 692 27 81 19

loic.dubard@ensiie.fr

loïc-dubard

French B Permit

Looking for a 10 week computer development internship for June 2019.

## Education

- January-July 2020 **Exchange semester in Scotland, Abertay University, Dundee, Scotland**  
Ethical Hacking 3, Digital Forensic 1, Data structure & Algorithm 2.
- 2018-2019 **Engineering School of informatics, ENSIIE, Évry**  
Software engineering & Network Security.
- 2018-2019 **Bachelor of Mathematics being validated (L3), University of Evry.**
- 2016-2018 **Preparatory Class for engineering schools, CPGE MPSI-MP, St Pierre, Reunion Island, Catholic High School La Salle Saint Charles.**
- July 2016 **Baccalaureate S (SVT) specialty I.S.N. (Computer Science and Digital Sciences), High school Ambroise Vollard, Terre Sainte, Reunion island,**  
Mention 'Très Bien' with Jury Congratulations, European English mention
- July 2014 **B1 English Cambridge Certificate**

## Experiences

- 2020 **Entrepreneurial experience, incubated in Dauphine** a B2B solution for climbing gyms in the form of a social React webapp for referencing creating and sharing problems, session analysis, integrating an AI capable of rating, creating and recommending blocks.
- April 2020 **Search projects in computer science & cyber-security, Abertay University,**  
exploit development tutorial about a buffer overflow vulnerability in a media player on a windows machine ; An essay About Man In The Middle Attacks, Parallelising Conway's game of life in C++ ; complete digital forensic investigation on the case of an "ornithological abuse".
- Nov 2019 **Term 3 projects at ENSIIE,** a processor with diglog; a compiler with ocamllex; a flow maximizer in network in Ocaml ; an agile film search project using the IMDb API, a pile calculator in MIPS assembler.
- July 2019 **First year internship at CDG Réunion,** implementation of inventory and fleet management software, creation of supervision plugins for Centreon, production of a RADIUS server for WPA2-Enterprise WiFi authentication.
- April 2019 **Limited Time Contest at the Laval Virtual,** '30-hour game jam on the theme: disability & immersive technology, a new relationship to external encounter.
- 2018-2019 **Computer and web programming projects (in group), ENSIIE** Stackchess : a chess game where the cases are piles where you can stack pawns. a website for managing the associative points of the students of the school ; the game of the solitaire in C.
- 2018-2020 **In charge of the climbing pole,** at the BDS of ENSIIE.
- 2018-2020 **Vice president of ARISE,** administration of web services, servers and wifi of the school.. Redesign of the iiens.net site design to make it more modern and "responsive".
- 2016-2018 **T.I.P.E. Project , CPGE MPSI-MP** Creation of an interactive application modeling the evolution of a population from a real database, finale note : 16/20.
- 2015-2016 **Personal projects and I.S.N.** cellular automata, Jarvis and home automation on raspi, discord and messenger bots, applications, sites and graphic games in python

## Hobbies

- Climbing *10h/week, podiums in regional championships, winner of the NCV 2019, 8th French grade (Réunion, Fontainebleau, Rocklands, Scotland)*
- Security *picoCTF (416th in 2019), RootMe (1105 points)*
- Piano *music school from 2011 to 2016, a few public auditions*
- Swimming *10 years in club for competitions*
- Misc. *fire breathing, calisthenics, trombone at the school fanfare*

## Languages

French native language

English B2 level

Spanish B1 level

## Skills

### Languages & frameworks :

Python, bash, C, C++, C#, JS, PHP, R, OCaml, LaTeX, HTML5, CSS3, SQL, Markdown, React, Flask, MIPS

**Software :** Office, Excel, Texstudio, Gimp, Sony Vegas Pro, Centreon, Metasploit

**Development tools:** Git, Vim, VS Code, Sublime text, Spyder, Eclipse, notepad++, Immunity debugger, gdb, radare2

**OS :** Linux (Ubuntu, Debian, Kali, Centos), Windows (xp, 7, 10, server2012, server2016)

**Database :** MongoDB, PostgreSQL, MySQL, SQLite

## Soft Skills

Passionate, methodical,

Rigorous, perseverant, hardworker.