

# Olivier Gayot

3rd-year student



## about

26 rue Saint Dizier  
54000 Nancy  
France

—  
21 years old  
Driving License  
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phone: +33663613699  
ogayot@free.fr  
github: duskCoder  
http://www.sigexec.com

## languages

french: mother tongue  
english: fluent

## Interests

Low level programming  
Computer security (exploitation and prevention)  
Embedded development  
Discovery of new technologies

## Education

since 2011  
expected 2016 **5-year programme of computer engineering** EPITECH Nancy  
Epitech Master of Information Technology Epitech, Paris Graduate School  
of Digital Innovation (France)  
2011 **French Baccalauréat S. with honours** Lycée Raymond Poincaré, Bar le Duc  
Specialized in Sciences of the Engineer

## Experience

since 2013 **Fun RC Toys, Nancy Area (France)** Partnership for a study project  
*Development of a module of safety for drones (i.e. quadricopters) with three other students*  
since 2013 **Intersec, Paris (France)** Part time software developer  
*Improvement of the software I developed during my placement (see below)*  
07–09 2012 **Intersec, Paris (France)** Placement within the R&D department  
*Development of a software capable of simulating the motions of a large network of subscribers who move smartly inside a given zone*

## Technologies

C	<b>Proficient</b> Heavy use of the C99 standard and the GNU extensions
C++	<b>Intermediate</b> Fairly good Object-Oriented Thinking
Assembly	<b>Intermediate</b> IA-32 and x86_64 instruction sets writing and reverse engineering
Web	<b>Appropriate knowledge of common web-related technologies</b> XHTML/CSS Server-side scripting: PHP Client-side scripting: JavaScript (+ jQuery)
Python 2&3	<b>Beginner</b> Currently writing a wrapper for the libelf in order to learn the language
Perl	<b>Beginner</b>

## Software

**Daily use of GNU/Linux, occasional use of Microsoft Windows**

Heavy usage of Vim

(D)CVS: Git, Subversion

GNU Autotools, make, GCC

Debugging: gdb, valgrind, ollydbg

## Miscellaneous

Understanding of the ELF file format

Active membre of the ASEN (*Association de Sécurité d'EPITECH Nancy*)

Good knowledge of the benefits and pitfalls related to the use of unsafe languages (e.g. C)