

Hugo DELVAL

Education

Computer Science Engineer [INSA Lyon](#) / Since 2012

- 2 years of common core + 3 years of specialisation
- 2017: Erasmus student in Trinity College, Dublin

French baccalaureat [Victor Hugo](#) Carpentras / 2012

Professional Experience

Software Engineer Intern [HubSpot](#) Dublin / Since May 2017

Part of the *notification* team, I worked on highly available APIs, database migrations, reporting tools.

- Java (Guice, Immutables...)
- Kafka, Amazon SQS

Pentester Intern [OVH](#) Lille / May 2016 - August 2016

- Establishment of a bug bounty. Interactions with the security researchers and the internal teams
- Pentest of OVH applications in white box, wide variety of programming languages interacting with Linux and virtualization solutions

Intern [Amossys](#) Rennes / June 2015 - August 2015

- Pentests of web applications and architectures (gray and black box)
- Design of custom VMs and system images (CloneZilla) for an automated deployment of pentest tools

Developer [JARRETIER Automobile](#) Carpentras / 2013

Design and implementation of an inventory management application in C++/MySQL

Personnal projects

InSecurity - President/Member

Information security club at INSA de Lyon.

- Participation in security contests (CTFs, online challenges)
- Organization of Conferences and CTFs, design of the whole architecture to host the challenges (more than 400 teams worldwide)

Opensource work


I try to share as much software as I can, everything is available on github


- *pedagogic_ctf*, a platform to ease the learning of software security
- *pseudo-automated-code-review*, a tool for white-box pentests
- Bug fixes in [commix](#) and [race-condition-exploit](#)


Programming competitions

I love to play programming competitions (like Google HashCode, ACM ICPC) or Hackathons (like Code For Good).

With my team we got the first place in a Microsoft Coding Competition.

 22 years old

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 hugodelval.com

Skills

Programming Languages

- Java, Python3
- Go, PHP, Perl

Web

- Django, Flask, Dropwizard
- nginx, apache, HAProxy

OS and virtualization

- Linux (*Debian based*)
- Docker, OpenStack

Divers

- Kafka, Amazon SQS
- Zookeeper, Vault
- HTTP & TCP/IP protocols

Programming tools

- Git/Github
- IntelliJ IDEA, vim

Pentest

- nmap, SQLMap, BurpSuite
- *too many tools to list here*

Languages

French Native speaker

English Fluent (1 year in Dublin)

Hobbies

I play basketball and love cycling. I also play the guitar.

Involved in *insecurity-insa.fr* (a computer security club).

 [git.io/hugodelval](#)

 [Inked.in/hugodelval](#)