Hugo DELVAL

Education

Computer Science Engineer INSA Lyon / From 2012 to 2017

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

French baccalaureat Victor Hugo Carpentras / 2012

Skills

Pentest
- *RCE, SQLi, **SSRF**, XSS, XXE, IDOR, race conditions*
- ***code review***
- *nmap, SQLMap, **BurpSuite***
- *a LOT a small utilities doing very specific tasks*

Programming
- ***Java, Python3, Go**, PHP, Perl*
- ***Git**, Github*
- *JetBrains IDEs, vim*

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

OS and virtualization
- *Linux (mostly **Debian** based)*
- ***Docker**, OpenStack, Rancher*

MISC
- ***Security formation** to tech staff (vulnerabilities and how to avoid them)*
- ***Security awareness** to non-tech staff (phishing/scams/best practices)*
- *Kafka, Zookeeper, Vault*
- *high OSI layers (>3)*

Professional Experience

DevOps OVH Lyon / Since September 2017

Part of the security team in OVH, I build security features. I work on detecting and fixing vulnerabilities

- Bug bounty program. Interactions with the security researchers and the internal teams
- Security awareness at OVH
- Go, Python, Docker, CD/CI

Software Engineer HubSpot Dublin / From April 2017 to August 2017

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

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

- 23 years old
- hugo.delval@gmail.com
- hugodelval.com
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Languages

French Native speaker

English Fluent (1 year in Dublin)

Hobbies

Music - guitare, singing

Sport - basketball, cycling, running

CTF - play CTFs with my team

Professional Experience

Pentester Intern OVH Lille / From April 2016 to July 2016

- Establishment of a bug bounty
- Pentest of OVH applications in white box, wide variety of programming languages interacting with Linux and virtualization solutions

Intern Amossys Rennes / From June 2015 to 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)
- Conferences and CTFs, design of the architecture and the challenges (more than 500 teams worldwide), see: ctftime.org/event/592

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

- *pedagogic_ctf,* a platform to ease the learning of software security
- *pseudo-automated-code-review*, a tool for white-box pentests
- PRs in opensource pentest tools (like *commix*, *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.

in @hugodelval   @git.io/hugodelval