

# Niels Hofmans

## Security Consultant

“Strongly motivated, guided by interests”

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## WORK EXPERIENCE

### Security Consultant, KBC Bank & Verzekering

2018 - present

Member of **WebSecurity** team, lead **SDLC** SPoC for Web & Mobile.  
**Threat** assessment, **vulnerability** analysis, fix **development**, **threat modelling**, SDLC, **Penetration Testing**.

### Founder, venclave

2017 - present

Global SaaS **security platform** for phishing, vulnerability scanning, ...  
Security & platform **architecture**, **operations**, **development**.

### Security Consultant, ironPeak services

2017 - present

Freelance IT consultant for **security**, **development** & **sysadmin**.

### Security Trainer, Westcon-Comstor

2017 - 2018

F5 **security trainer**, **consultant**, presales.

### Software Security Engineer, DHL Global Aviation

2014 - 2017

Start-up **SecOps** team in DHL Global Aviation IT.

Single **BIGIP admin** + **Incident Response** + **internal auditing**

F5 **BIGIP**: provisioning, firewall, access control, scripting, PKI

HPE **Fortify**: administration, static code analysis (Java+PHP)

**Weblogic** cluster troubleshooting

**Java** in-house development

**Code review** of internal applications: PHP, Java, SQL (PostgreSQL/Oracle)

Internal **penetration testing**: PoC, exploit, patching (web + system)

**Firewall log analysis** on ELK

## INFO

Birth: 22/02/1993

City : Melsbroek

Nationality : belgian

Driver's license : yes

Languages:

- Dutch (native)
- English +
- French -

## CERTIFICATIONS

Bournemouth University Forensics  
Cisco CCNA 1-4

Hurricane Electric IPv6 Sage

F5 Certified Administrator  
F5 Certified ASM Specialist  
F5 Certified LTM Specialist  
F5 Certified DNS Specialist  
F5 Certified APM Specialist

eLearnSecurity Junior Pentester  
eLearnSecurity Web Defence Pro.

## OS Experience

Windows XP - 10

Linux / Unix

macOS

Cisco IOS

Android / iOS



## Student work, OSG

2014 - 2014

Application virtualization testing on proprietary software using Windows Server 2012 R2/Windows 8.1/7, Hyper-V, Microsoft APP-V, SafeNet Sentinel, VMWare ThinApp.

Debugging of networking issues related to software + documentation.

Design of web app using JS/CSS/HTML/Razr/ASP.NET

MVC/Knockout.js/jQuery.

## Graduation Project, KHLeuven (UCG Leuven)

2014 - 2014

Intruding Sniffing Information System (= ISIS)

Distributed automated data mining of wireless information on Raspberry Pi; cracking, MiTM, ... (aircrack-ng, sslstrip, ..)

## EDUCATION

### Applied IT, KHLeuven (UCG Leuven)

2011 - 2015

Networking & System Administration

**Final project:** Intruding Sniffing Information System  
wifi auditing, cracking, scraping, MiTM

**Extra:**

- Bournemouth University international forensics programme
- Bournemouth Businet programme
- Mobile application development

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## Personal interests

**Development:** Python, CSS/HTML/JS, PHP, Bash, Java, Golang

**Virtualization:** Parallels, Docker, ESX, KVM

**Security :** exploitation, Penetration testing, code auditing, server hardening, web security, proof of concepts, macOS internals, web security

**Firewalls :** pfSense, Sophos UTM, iptables, pf, F5

**“Cloud” :** dedicated server in France for tunneling & projects, hobby projects include as-a-Service solutions such as VPN, backup processing, commercial displays in distributed, hardened Docker containers.

**Clustering:** Docker Swarm, F5, Kubernetes

**Media :** Plex/Kodi, media hoarding on FreeBSD ZFS NAS

**Hardware :** Server builds

**Sports :** Fitness. Muay Thai, Snowboarding

